

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
 Data File : BF137038.D
 Acq On : 11 Jan 2024 14:46
 Operator : CG\JU
 Sample : PB158373BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158373BS

Quant Time: Jan 11 15:05:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	73486	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	284438	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	149775	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	285559	20.000	ng	0.00
76) Chrysene-d12	13.980	240	148087	20.000	ng	# 0.01
86) Perylene-d12	15.463	264	133518	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	541887	115.056	ng	0.02
7) Phenol-d6	6.446	99	676368	110.830	ng	0.00
23) Nitrobenzene-d5	7.357	82	409241	73.623	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	198504	112.535	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	831788	74.695	ng	0.00
79) Terphenyl-d14	12.916	244	844434	79.688	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	64941	33.093	ng	96
3) Pyridine	3.399	79	147384	30.782	ng	97
4) n-Nitrosodimethylamine	3.363	42	89868	35.148	ng	97
6) Aniline	6.457	93	190673	31.250	ng	# 10
8) 2-Chlorophenol	6.581	128	209824	40.710	ng	93
9) Benzaldehyde	6.346	77	66502	19.158	ng	99
10) Phenol	6.457	94	247786	38.035	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	191602	38.673	ng	98
12) 1,3-Dichlorobenzene	6.728	146	205369	36.526	ng	96
13) 1,4-Dichlorobenzene	6.804	146	210394	36.622	ng	98
14) 1,2-Dichlorobenzene	6.951	146	200210	37.452	ng	99
15) Benzyl Alcohol	6.940	79	155551	37.781	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	301018	37.163	ng	72
17) 2-Methylphenol	7.057	107	170308	39.887	ng	# 92
18) Hexachloroethane	7.287	117	75028	35.960	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	143027	38.662	ng	96
20) 3+4-Methylphenols	7.210	107	215322	40.366	ng	# 55
22) Acetophenone	7.198	105	286864	40.237	ng	# 89
24) Nitrobenzene	7.375	77	207169	37.206	ng	93
25) Isophorone	7.610	82	384405	38.006	ng	98
26) 2-Nitrophenol	7.687	139	109509	41.106	ng	99
27) 2,4-Dimethylphenol	7.728	122	181593	55.989	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	240524	39.122	ng	99
29) 2,4-Dichlorophenol	7.934	162	171147	40.988	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	174463	37.500	ng	97
31) Naphthalene	8.087	128	594655	38.055	ng	99
32) Benzoic acid	7.887	122	121187	38.617	ng	97
33) 4-Chloroaniline	8.140	127	129010	22.361	ng	97
34) Hexachlorobutadiene	8.198	225	102597	36.297	ng	99
35) Caprolactam	8.528	113	41851	30.382	ng	97
36) 4-Chloro-3-methylphenol	8.640	107	185811	39.528	ng	98
37) 2-Methylnaphthalene	8.781	142	395785	39.356	ng	98
38) 1-Methylnaphthalene	8.881	142	356532	36.136	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	181451	39.119	ng	98
41) Hexachlorocyclopentadiene	8.928	237	99980	68.361	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	116683	39.225	ng	96

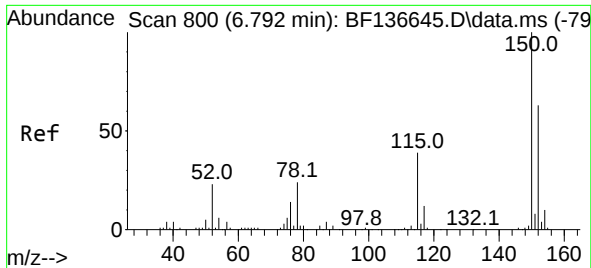
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	125957	37.997	ng	96
46) 1,1'-Biphenyl	9.245	154	497366	39.573	ng	99
47) 2-Chloronaphthalene	9.269	162	361985	37.886	ng	98
48) 2-Nitroaniline	9.375	65	116410	38.907	ng	98
49) Acenaphthylene	9.687	152	577538	39.546	ng	99
50) Dimethylphthalate	9.551	163	429994	39.305	ng	100
51) 2,6-Dinitrotoluene	9.622	165	94097	37.899	ng	99
52) Acenaphthene	9.857	154	350969	38.769	ng	99
53) 3-Nitroaniline	9.792	138	78433	29.821	ng	89
54) 2,4-Dinitrophenol	9.910	184	80245	59.328	ng	92
55) Dibenzofuran	10.034	168	525951	38.326	ng	98
56) 4-Nitrophenol	9.975	139	104891	59.078	ng	96
57) 2,4-Dinitrotoluene	10.028	165	119027	36.928	ng	# 86
58) Fluorene	10.375	166	431859	39.662	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	101022	39.589	ng	97
60) Diethylphthalate	10.251	149	440703	38.826	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	202633	38.286	ng	92
62) 4-Nitroaniline	10.416	138	86864	34.260	ng	92
63) Azobenzene	10.528	77	396947	37.442	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	63677	38.910	ng	89
66) n-Nitrosodiphenylamine	10.492	169	373958	40.313	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	126272	39.817	ng	100
68) Hexachlorobenzene	10.928	284	137183	38.816	ng	98
69) Atrazine	11.028	200	161321	67.994	ng	96
70) Pentachlorophenol	11.133	266	111095	67.440	ng	98
71) Phenanthrene	11.345	178	596558	40.714	ng	99
72) Anthracene	11.398	178	598580	40.339	ng	99
73) Carbazole	11.557	167	546357	39.053	ng	100
74) Di-n-butylphthalate	11.880	149	673797	39.469	ng	99
75) Fluoranthene	12.539	202	588727	37.564	ng	98
77) Benzidine	12.663	184	85943	19.683	ng	98
78) Pyrene	12.769	202	586156	40.321	ng	99
80) Butylbenzylphthalate	13.386	149	226523	42.824	ng	98
81) Benzo(a)anthracene	13.969	228	423922	41.226	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	114718	39.283	ng	# 98
83) Chrysene	14.004	228	393048	39.087	ng	96
84) Bis(2-ethylhexyl)phtha...	13.951	149	293100	44.040	ng	# 97
85) Di-n-octyl phthalate	14.563	149	451931	43.899	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	443288	45.983	ng	99
88) Benzo(b)fluoranthene	15.027	252	374382	41.982	ng	97
89) Benzo(k)fluoranthene	15.063	252	350986	41.653	ng	99
90) Benzo(a)pyrene	15.404	252	322612	42.857	ng	99
91) Dibenzo(a,h)anthracene	17.010	278	372773	47.134	ng	97
92) Benzo(g,h,i)perylene	17.462	276	377352	46.585	ng	99

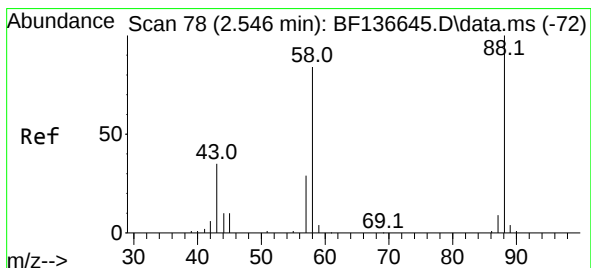
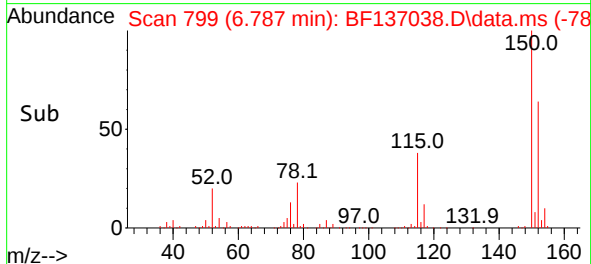
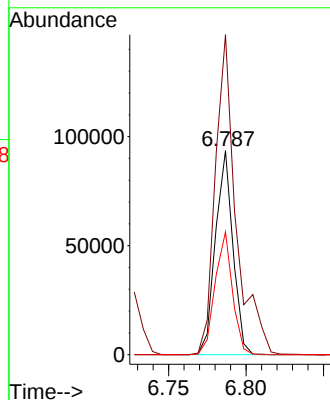
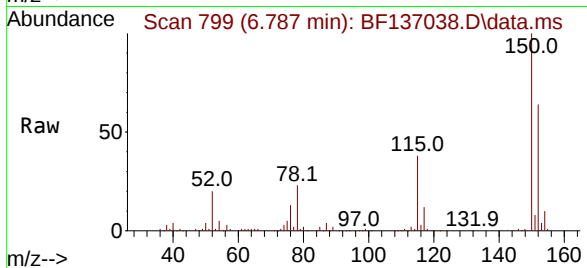
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF137038.D
 Acq: 11 Jan 2024 14:46

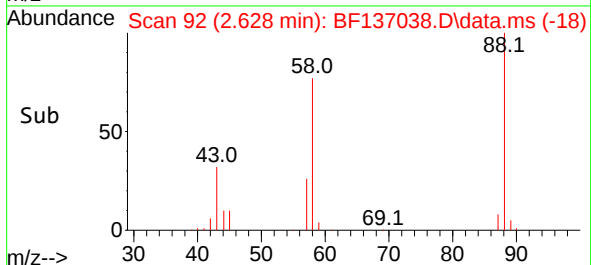
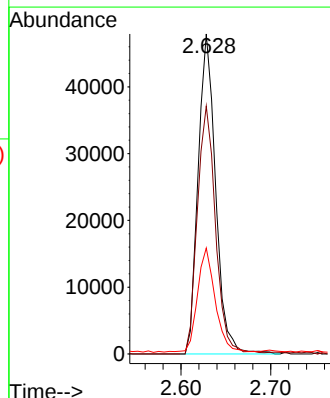
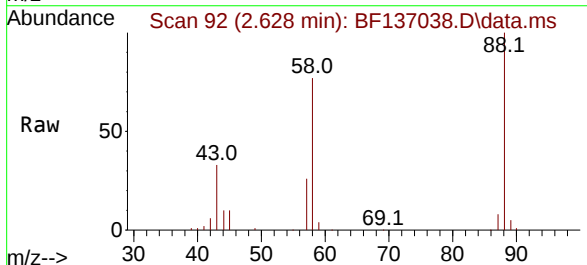
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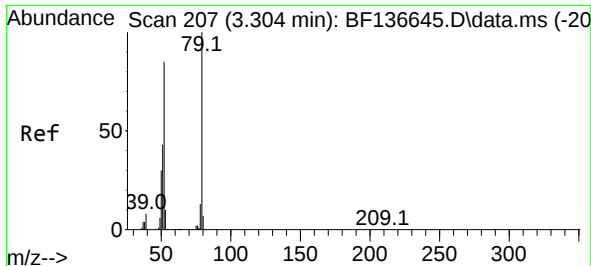
Tgt Ion:152 Resp: 73486
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.0 190.6
 115 60.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 33.093 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.083 min
 Lab File: BF137038.D
 Acq: 11 Jan 2024 14:46

Tgt Ion: 88 Resp: 64941
 Ion Ratio Lower Upper
 88 100
 58 80.4 67.4 101.0
 43 32.8 27.7 41.5

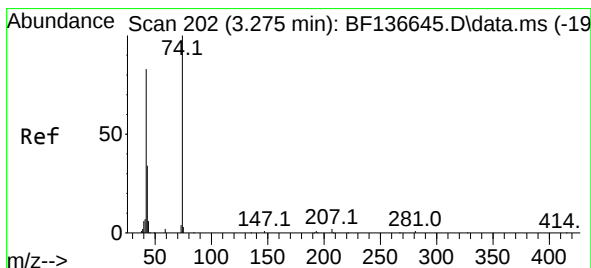
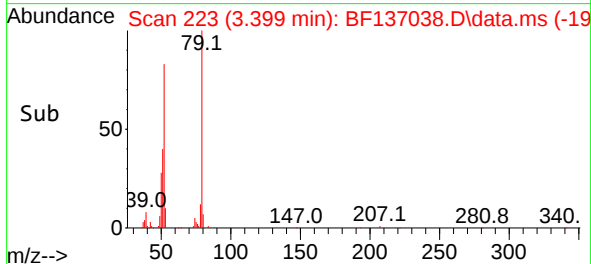
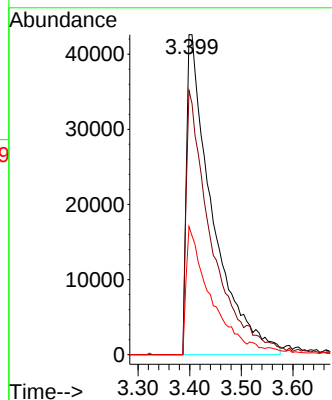
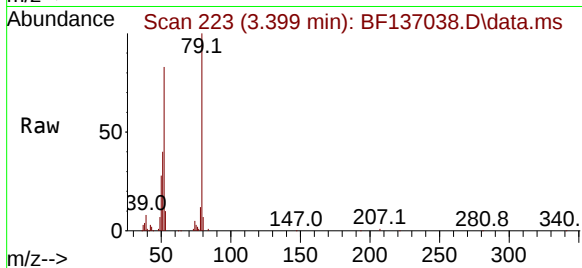




#3
Pyridine
Concen: 30.782 ng
RT: 3.399 min Scan# 217
Delta R.T. 0.094 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

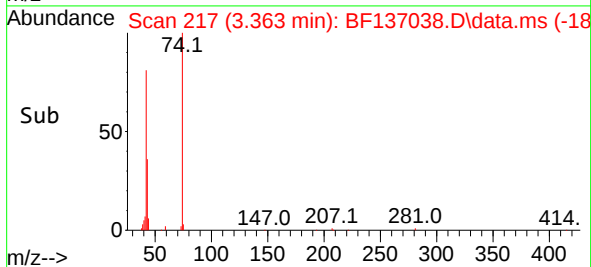
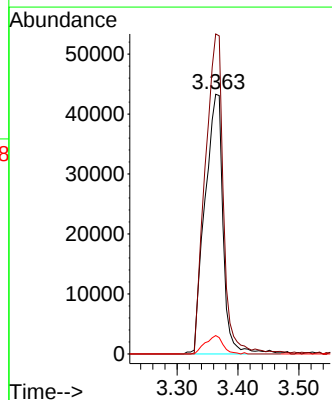
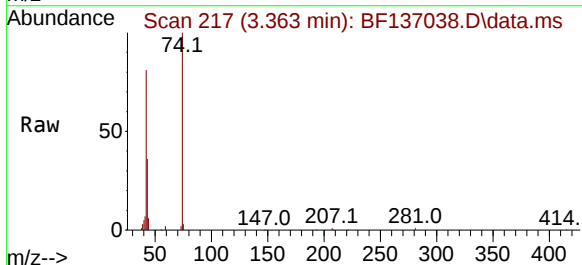
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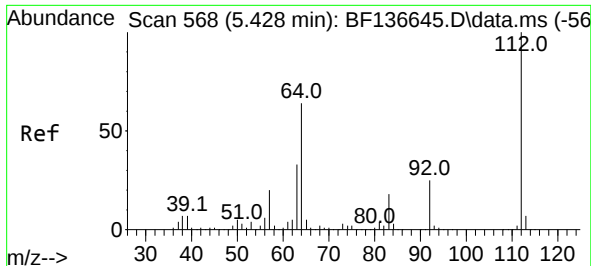
Tgt Ion: 79 Resp: 147384
Ion Ratio Lower Upper
79 100
52 82.5 67.7 101.5
51 40.0 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 35.148 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion: 42 Resp: 89868
Ion Ratio Lower Upper
42 100
74 123.2 96.0 144.0
44 7.1 5.4 8.2

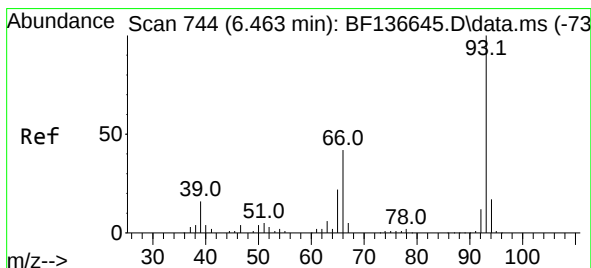
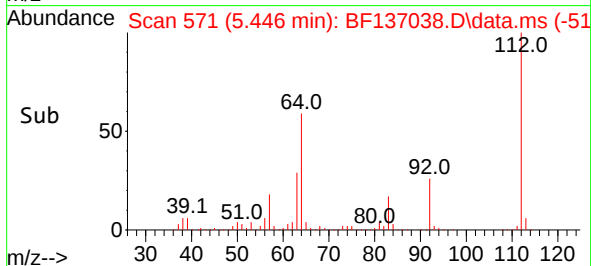
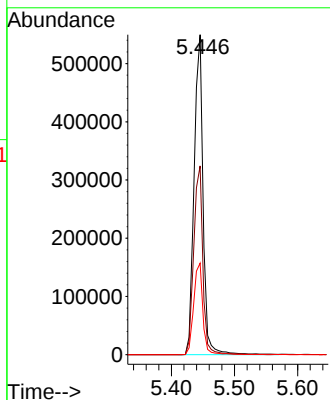
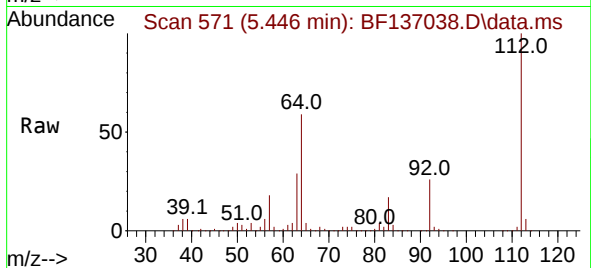




#5
2-Fluorophenol
Concen: 115.056 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

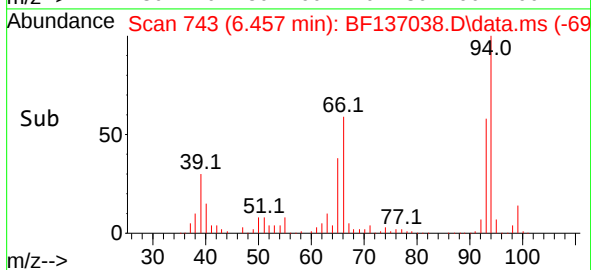
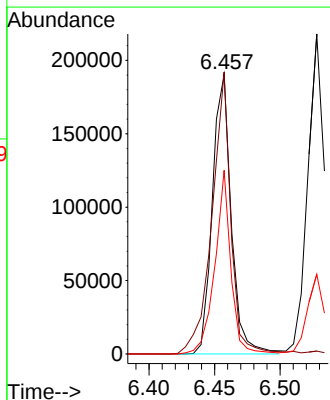
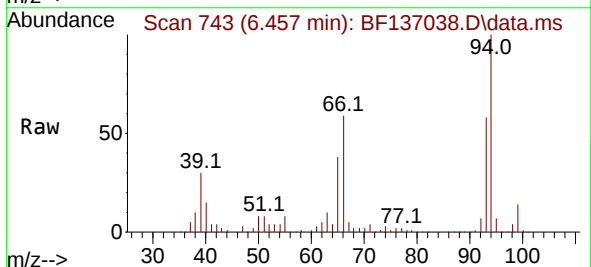
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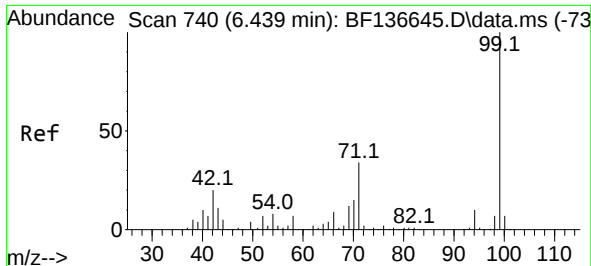
Tgt Ion:112 Resp: 541887
Ion Ratio Lower Upper
112 100
64 59.0 51.1 76.7
63 28.6 26.1 39.1



#6
Aniline
Concen: 31.250 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion: 93 Resp: 190673
Ion Ratio Lower Upper
93 100
66 100.8 34.6 51.8#
65 65.7 17.8 26.8#

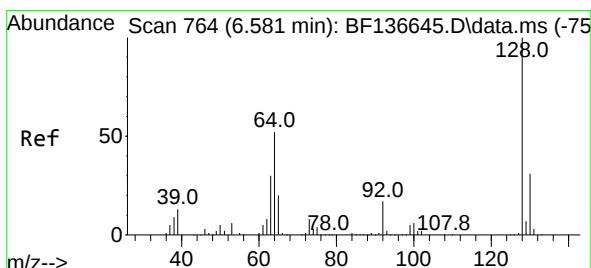
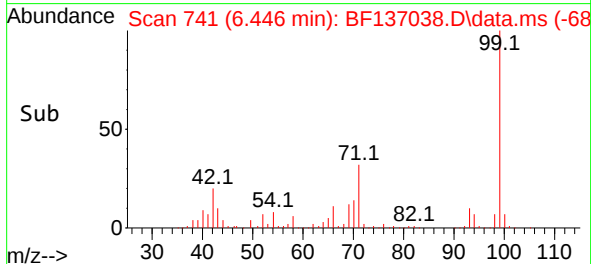
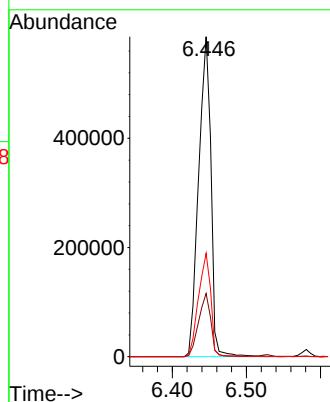
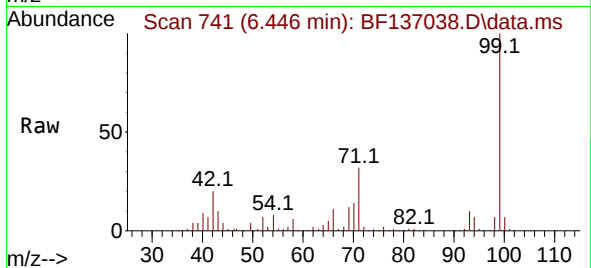




#7
Phenol-d6
Concen: 110.830 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

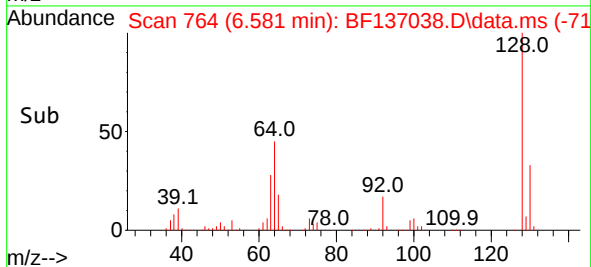
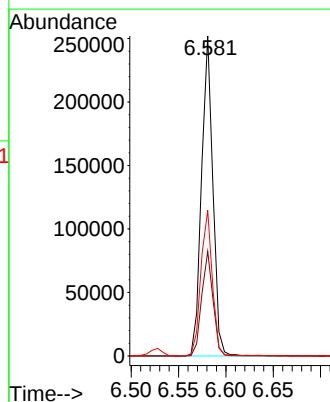
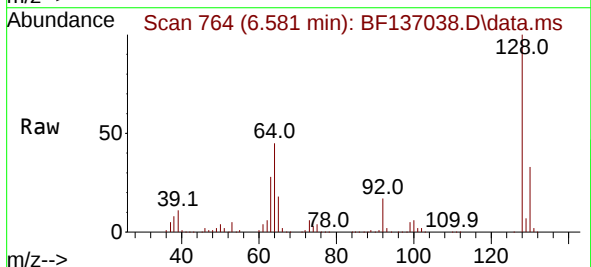
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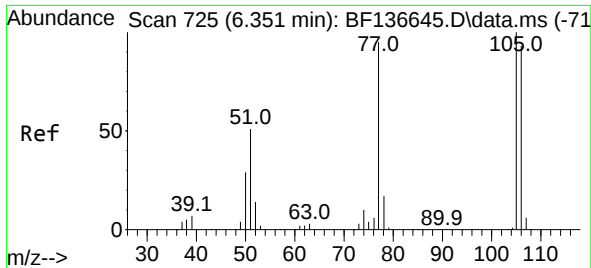
Tgt Ion: 99 Resp: 676368
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 32.3 27.4 41.2



#8
2-Chlorophenol
Concen: 40.710 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:128 Resp: 209824
Ion Ratio Lower Upper
128 100
130 32.7 11.3 51.3
64 45.5 32.5 72.5





#9

Benzaldehyde

Concen: 19.158 ng

RT: 6.346 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

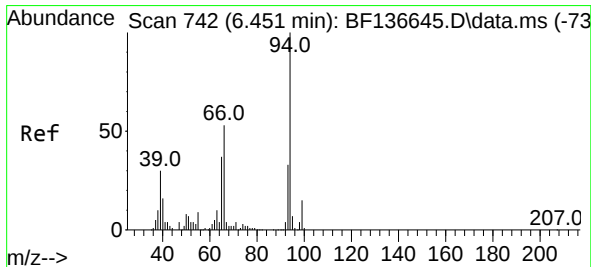
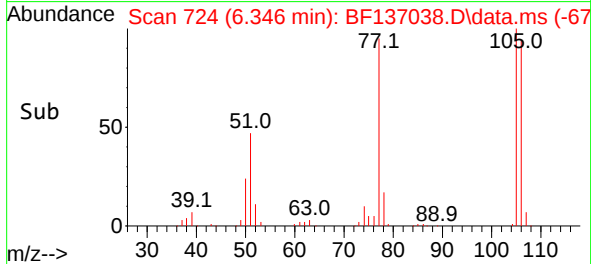
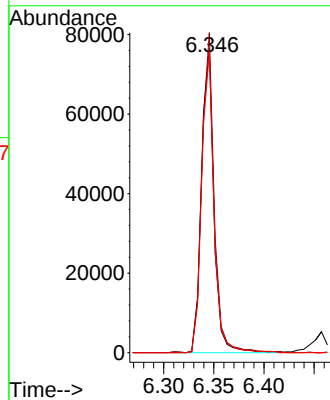
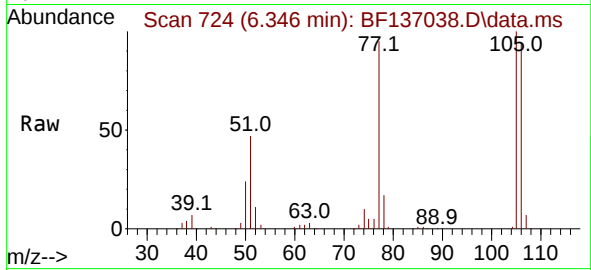
Tgt Ion: 77 Resp: 66502

Ion Ratio Lower Upper

77 100

105 105.2 84.8 124.8

106 99.0 77.8 117.8



#10

Phenol

Concen: 38.035 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

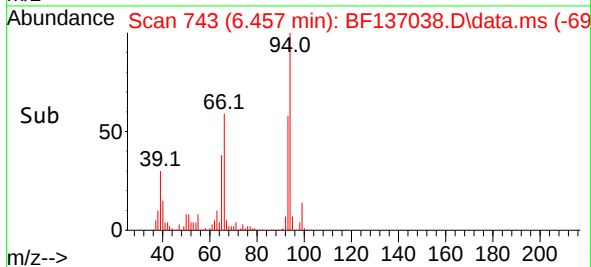
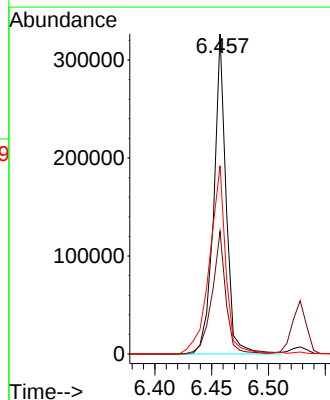
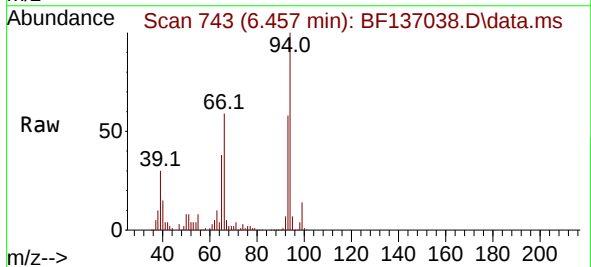
Tgt Ion: 94 Resp: 247786

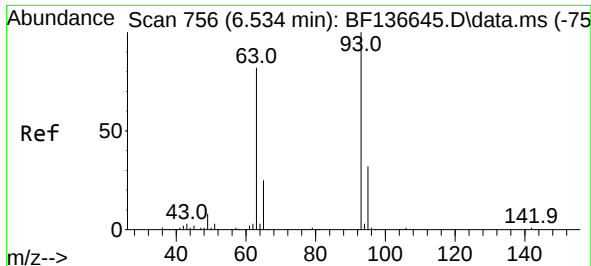
Ion Ratio Lower Upper

94 100

65 38.3 16.6 56.6

66 58.8 32.6 72.6

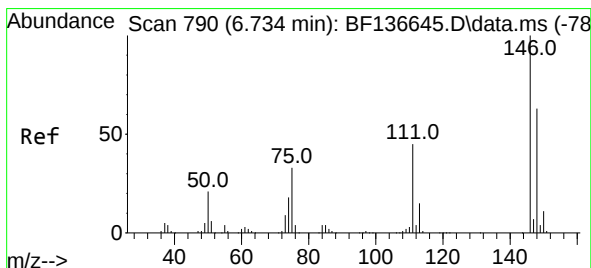
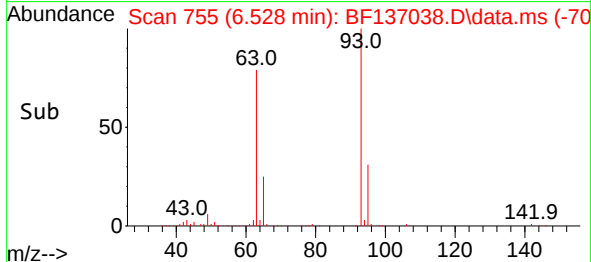
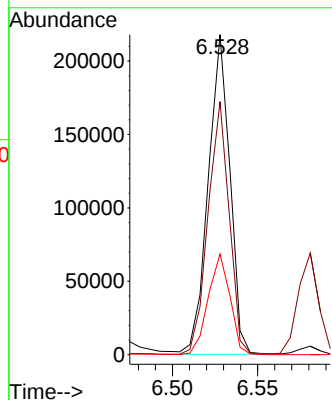
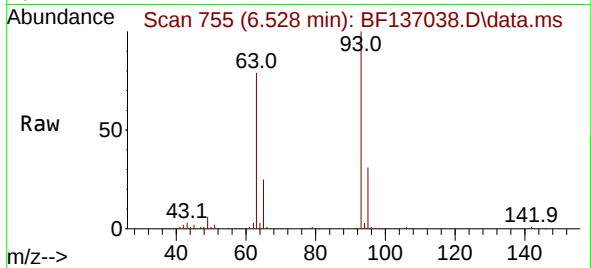




#11
bis(2-Chloroethyl)ether
Concen: 38.673 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

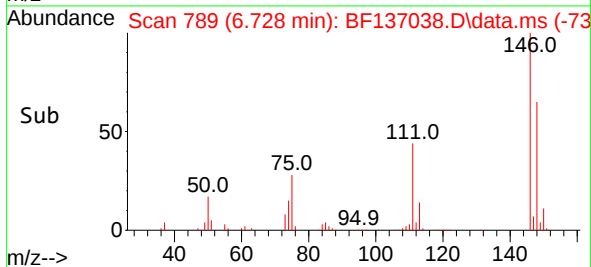
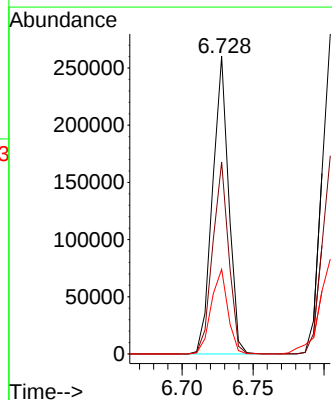
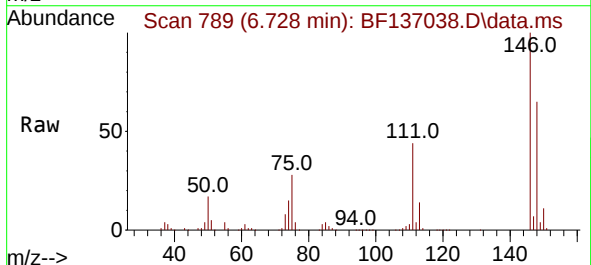
Instrument :
BNA_F
ClientSampleId :
PB158373BS

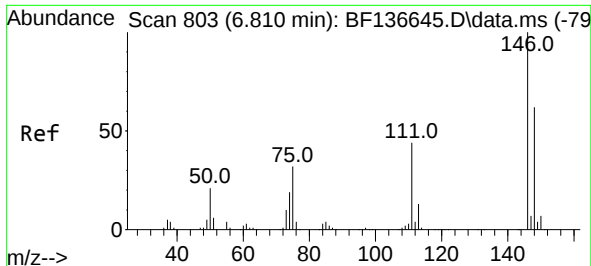
Tgt Ion: 93 Resp: 191602
Ion Ratio Lower Upper
93 100
63 79.1 61.2 101.2
95 31.4 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 36.526 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:146 Resp: 205369
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 28.5 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.622 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

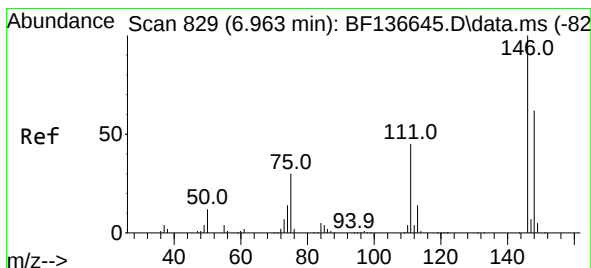
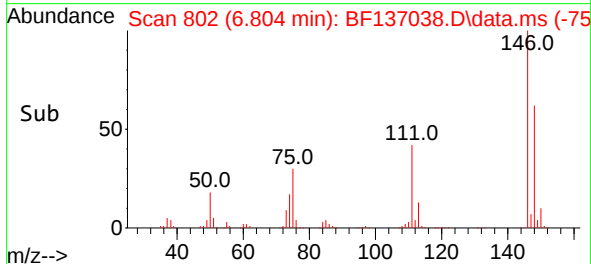
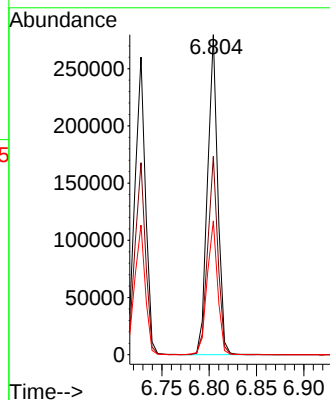
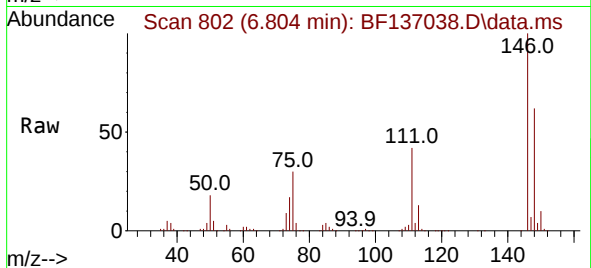
Tgt Ion:146 Resp: 210394

Ion Ratio Lower Upper

146 100

148 62.0 49.2 73.8

111 41.8 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 37.452 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

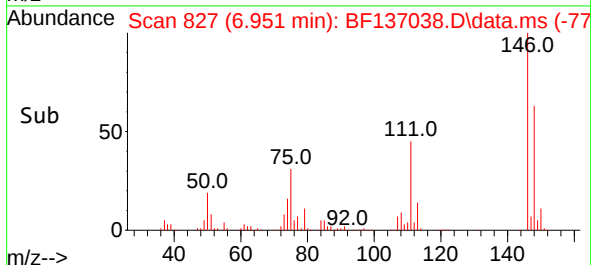
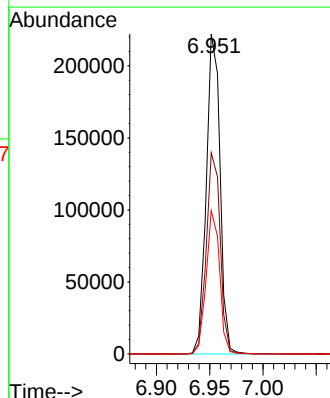
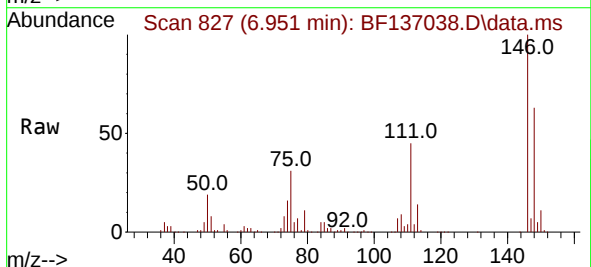
Tgt Ion:146 Resp: 200210

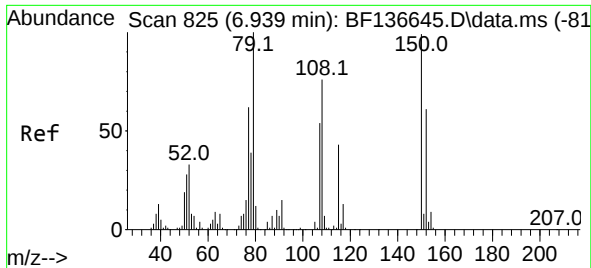
Ion Ratio Lower Upper

146 100

148 62.9 49.6 74.4

111 44.7 36.2 54.2

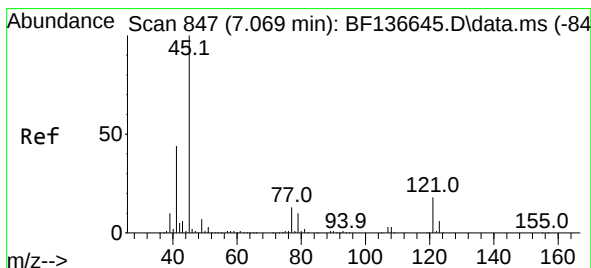
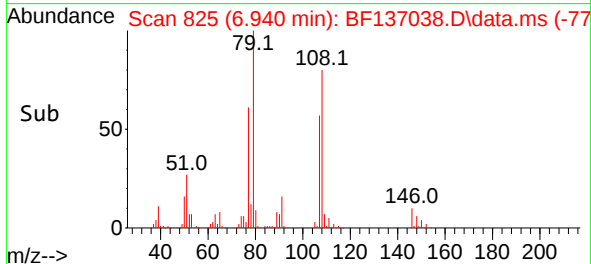
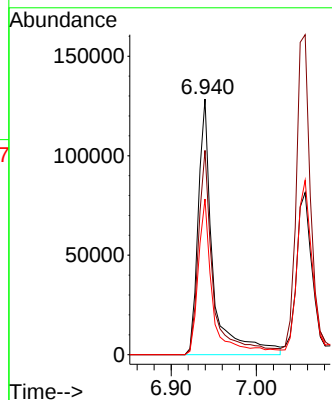
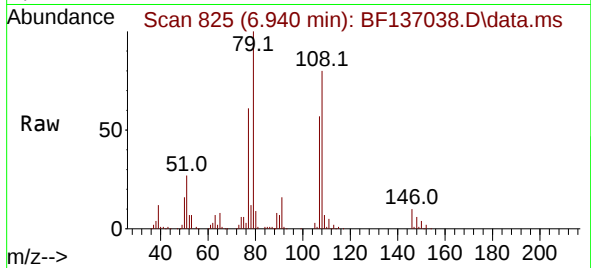




#15
Benzyl Alcohol
Concen: 37.781 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

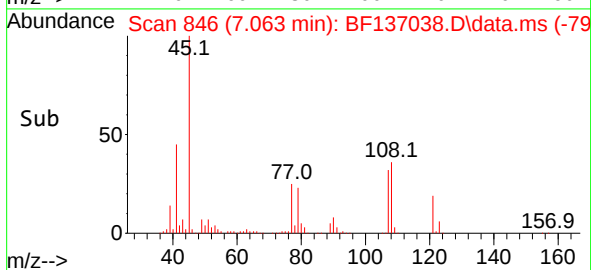
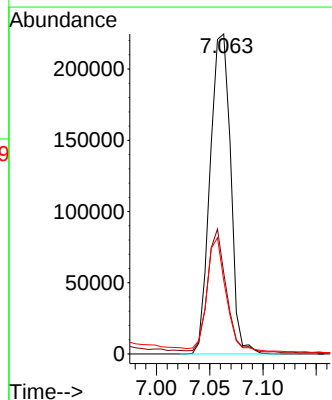
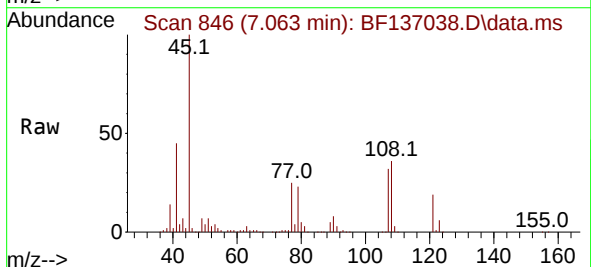
Instrument :
BNA_F
ClientSampleId :
PB158373BS

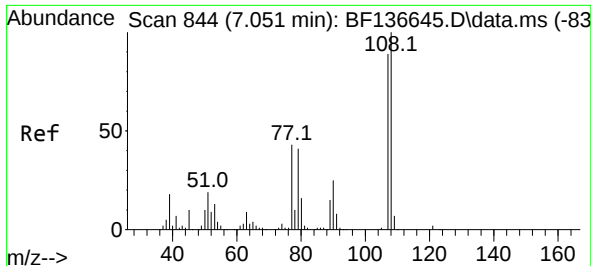
Tgt Ion: 79 Resp: 155551
Ion Ratio Lower Upper
79 100
108 79.9 61.0 91.6
77 60.9 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.163 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

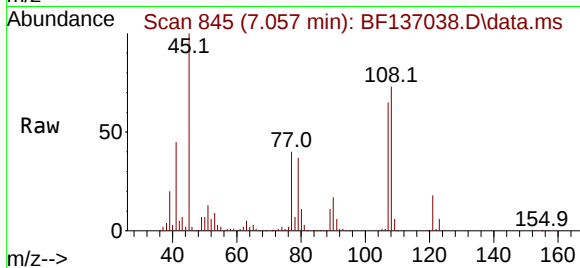
Tgt Ion: 45 Resp: 301018
Ion Ratio Lower Upper
45 100
77 25.4 0.0 34.3
79 22.9 0.0 31.4



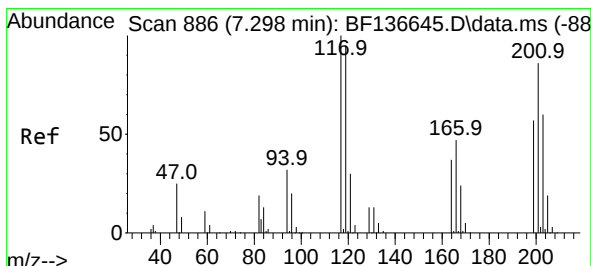
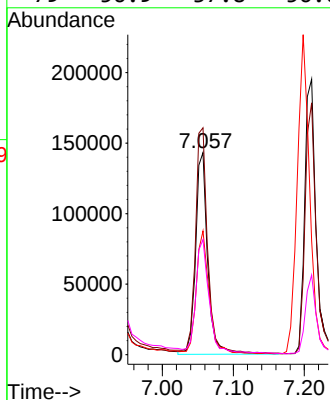
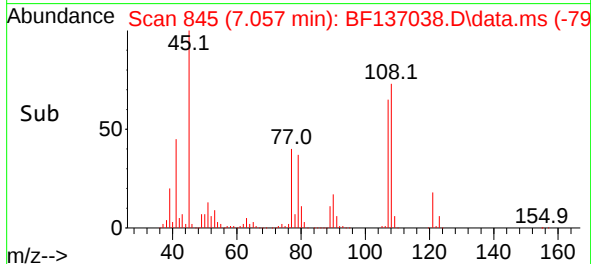


#17
2-Methylphenol
Concen: 39.887 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Instrument :
BNA_F
ClientSampleId :
PB158373BS

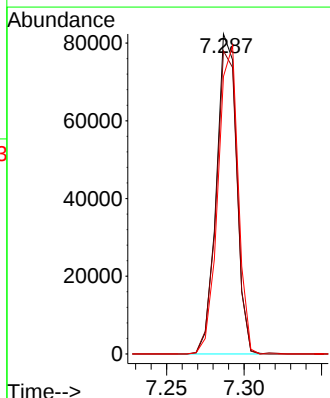
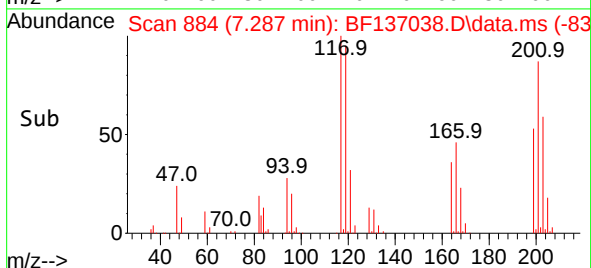
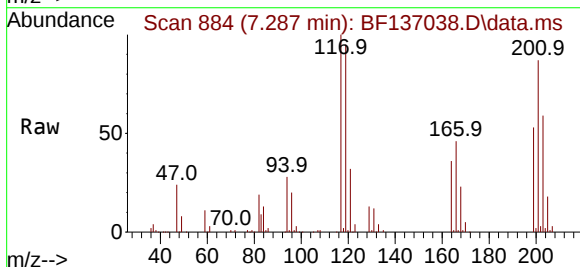


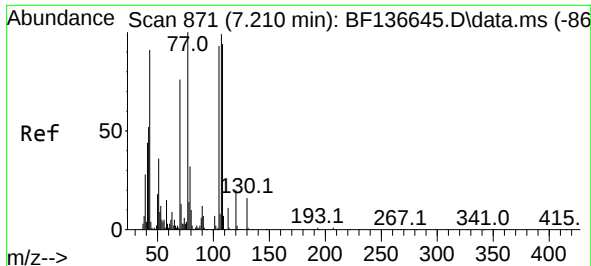
Tgt Ion:	107	Resp:	170308
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.3	135.5
77	61.2	38.7	58.1#
79	56.9	37.8	56.6#



#18
Hexachloroethane
Concen: 35.960 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:	117	Resp:	75028
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.6
201	86.8	69.1	103.7



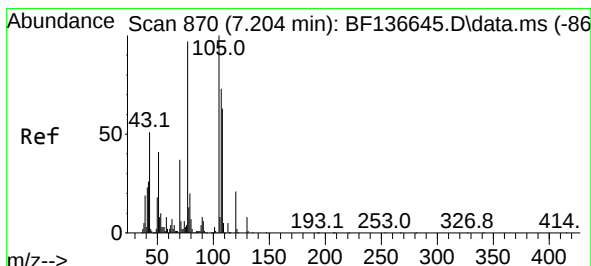
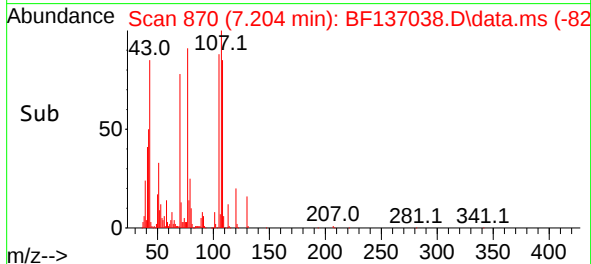
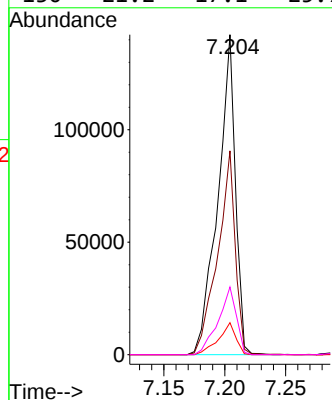
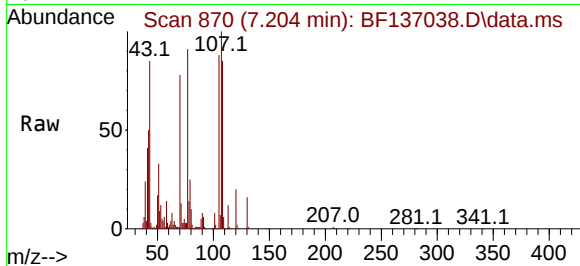


#19
n-Nitroso-di-n-propylamine
Concen: 38.662 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Instrument :
BNA_F
ClientSampleId :
PB158373BS

Tgt Ion: 70 Resp: 143027

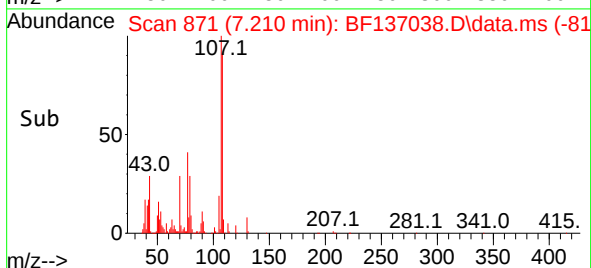
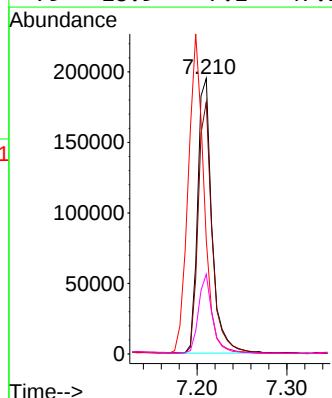
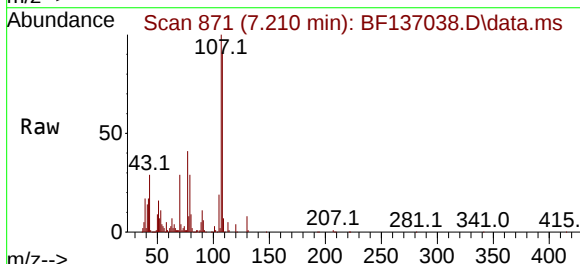
Ion	Ratio	Lower	Upper
70	100		
42	63.7	54.2	81.4
101	10.0	7.6	11.4
130	21.2	17.1	25.7

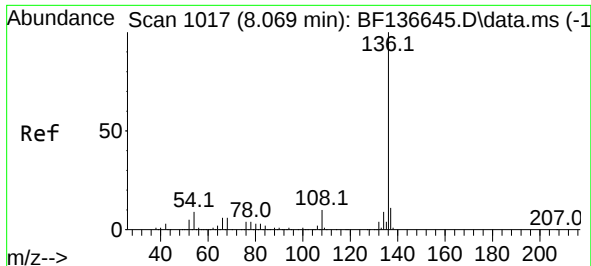


#20
3+4-Methylphenols
Concen: 40.366 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion: 107 Resp: 215322

Ion	Ratio	Lower	Upper
107	100		
108	91.4	66.0	106.0
77	41.4	114.2	154.2#
79	28.9	7.2	47.2





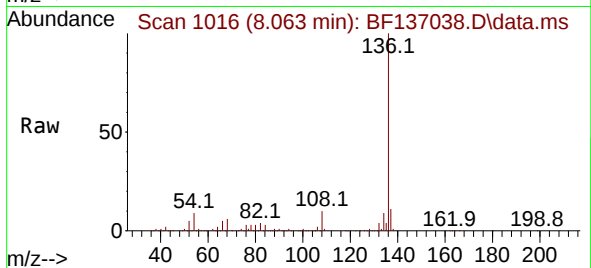
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Instrument :

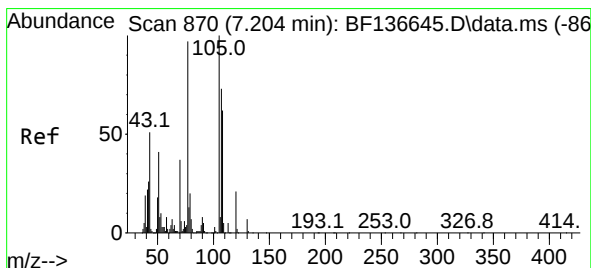
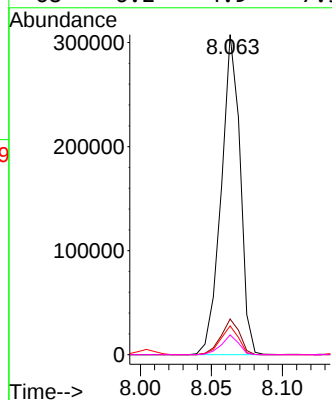
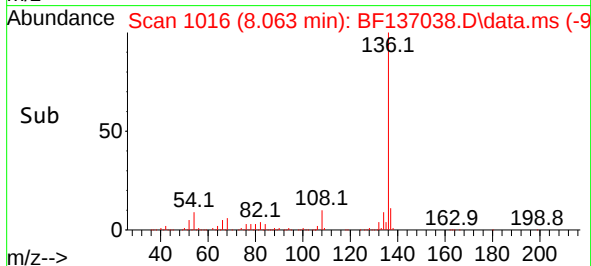
BNA_F

ClientSampleId :

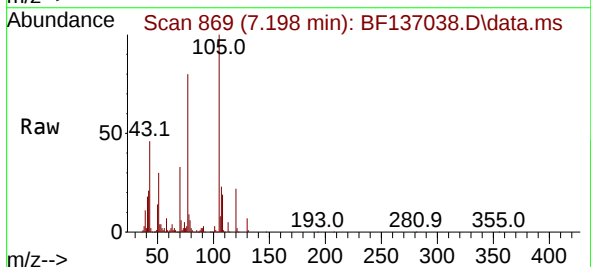
PB158373BS



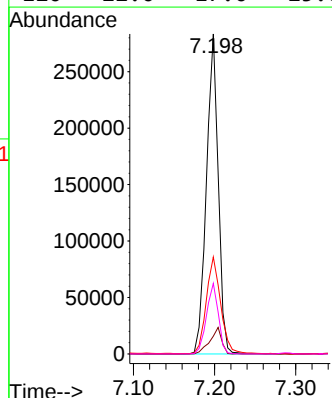
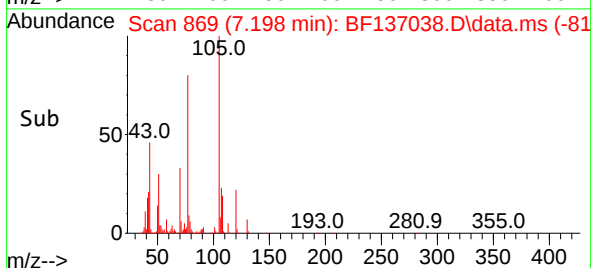
Tgt Ion:136	Resp: 284438
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 9.0	7.2 10.8
68 6.2	4.9 7.3

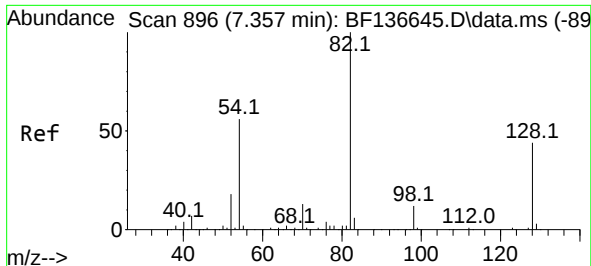


#22
Acetophenone
Concen: 40.237 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46



Tgt	Ion:105	Resp:	286864
Ion	Ratio	Lower	Upper
105	100		
71	5.6	4.8	7.2
51	30.3	32.8	49.2#
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 73.623 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

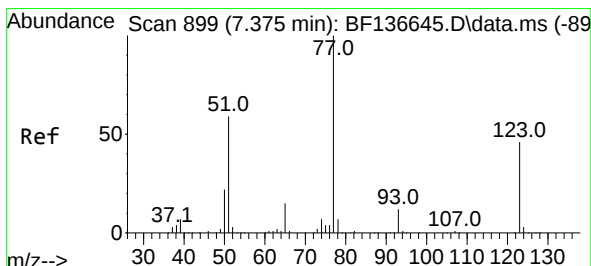
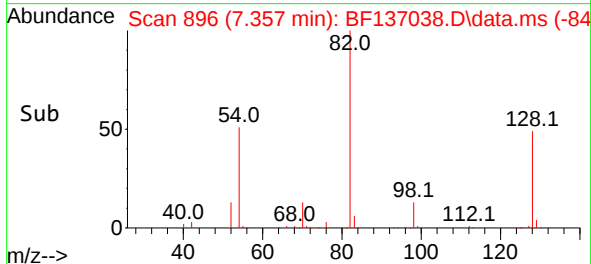
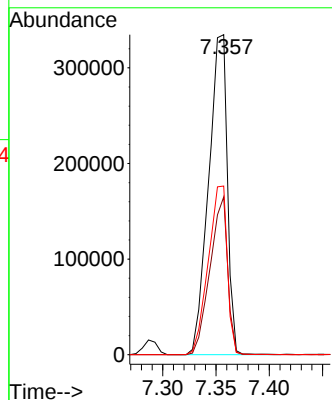
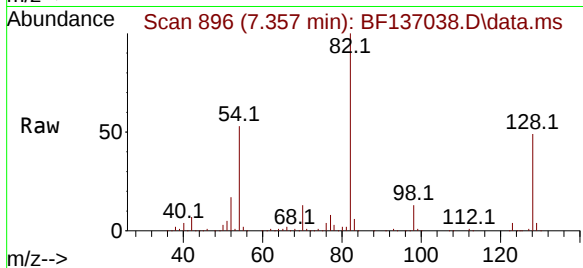
BNA_F

ClientSampleId :

PB158373BS

Tgt Ion: 82 Resp: 409241

Ion	Ratio	Lower	Upper
82	100		
128	49.3	35.3	52.9
54	52.7	44.5	66.7



#24

Nitrobenzene

Concen: 37.206 ng

RT: 7.375 min Scan# 899

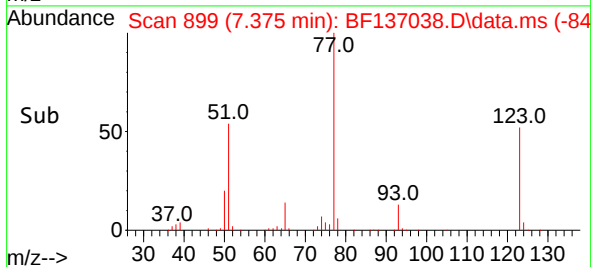
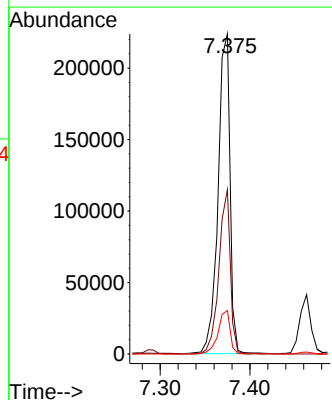
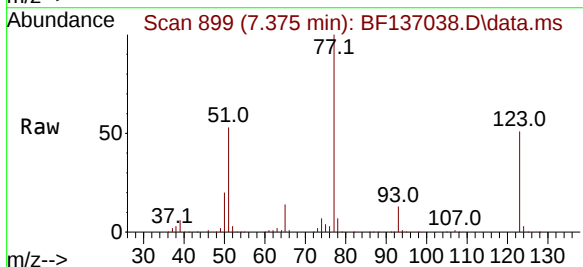
Delta R.T. 0.000 min

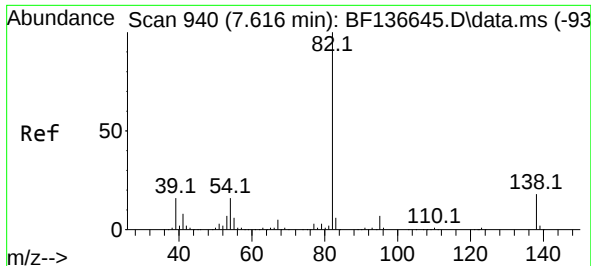
Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Tgt Ion: 77 Resp: 207169

Ion	Ratio	Lower	Upper
77	100		
123	51.4	36.7	55.1
65	13.6	11.8	17.6

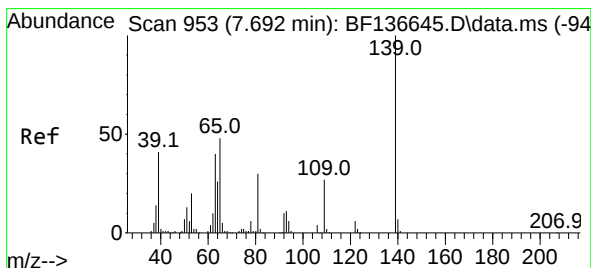
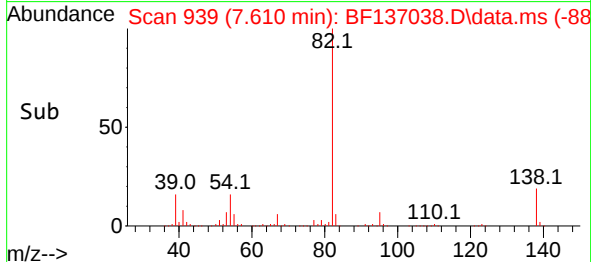
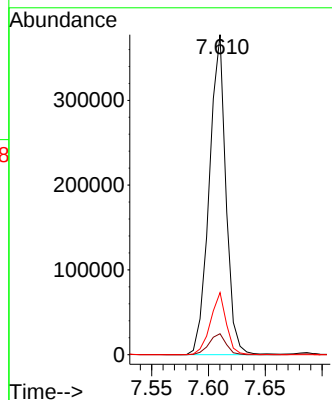
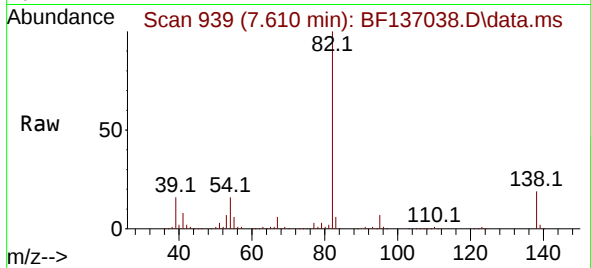




#25
Isophorone
Concen: 38.006 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

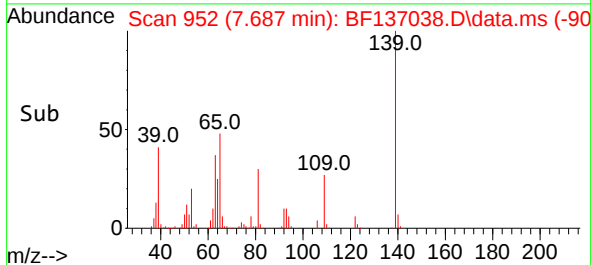
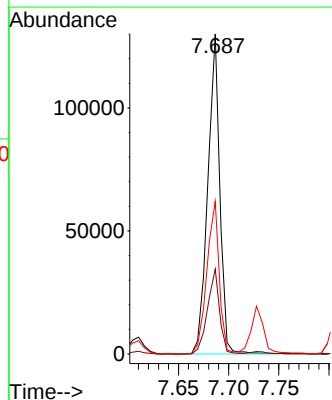
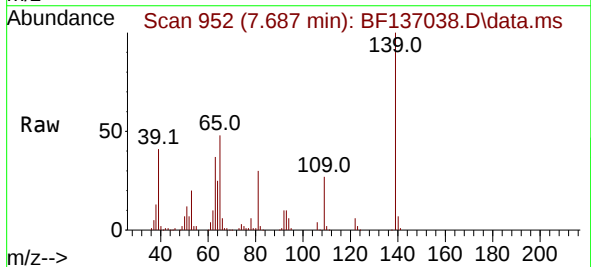
Instrument :
BNA_F
ClientSampleId :
PB158373BS

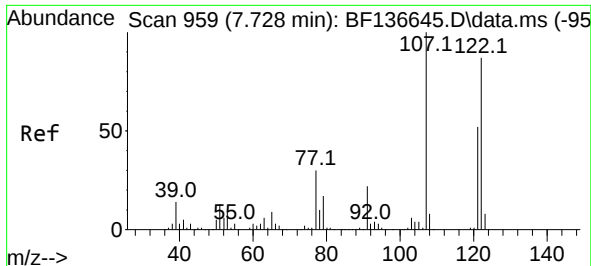
Tgt Ion: 82 Resp: 384405
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 19.4 14.5 21.7



#26
2-Nitrophenol
Concen: 41.106 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:139 Resp: 109509
Ion Ratio Lower Upper
139 100
109 26.5 21.9 32.9
65 47.7 38.6 58.0

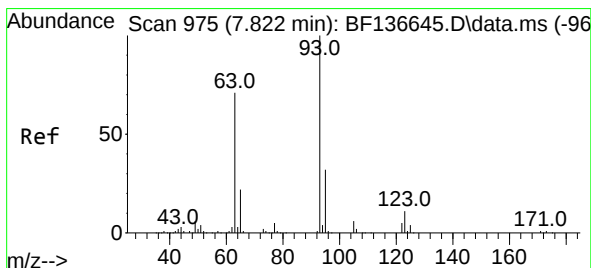
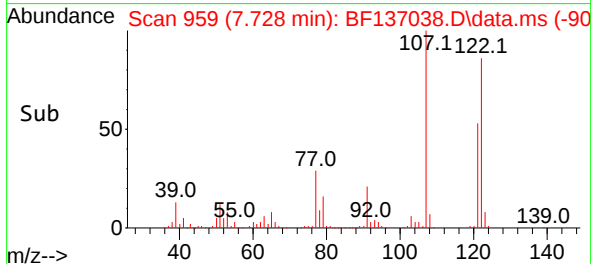
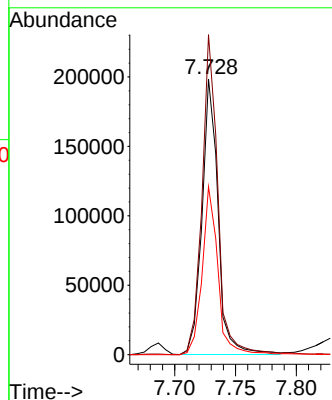
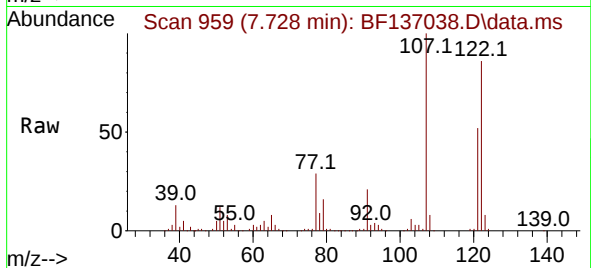




#27
2,4-Dimethylphenol
Concen: 55.989 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

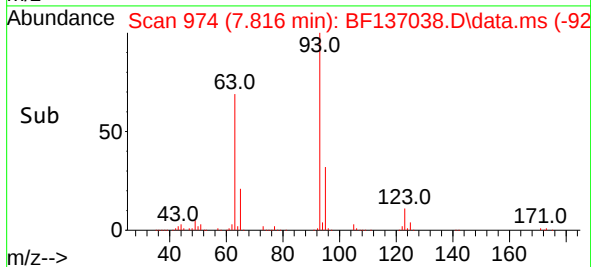
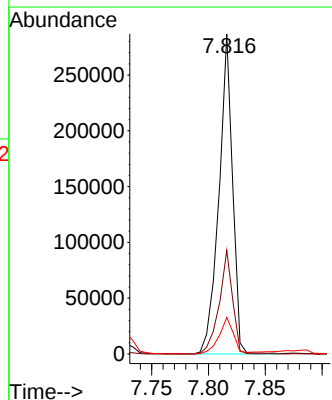
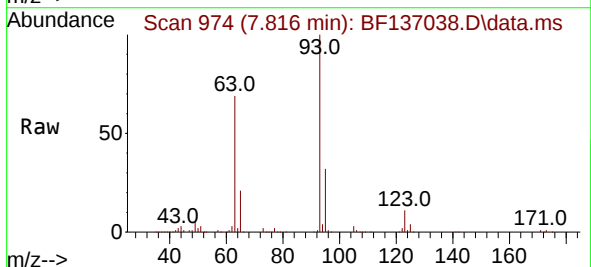
Instrument :
BNA_F
ClientSampleId :
PB158373BS

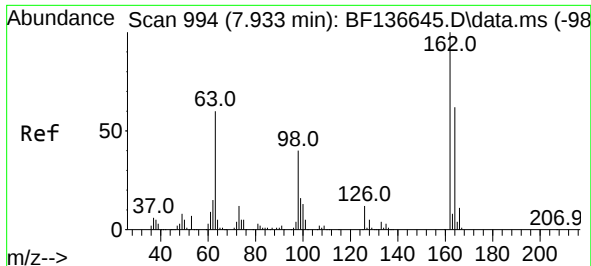
Tgt Ion:122 Resp: 181593
Ion Ratio Lower Upper
122 100
107 116.0 92.0 138.0
121 60.9 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.122 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion: 93 Resp: 240524
Ion Ratio Lower Upper
93 100
95 32.4 25.5 38.3
123 11.4 9.2 13.8

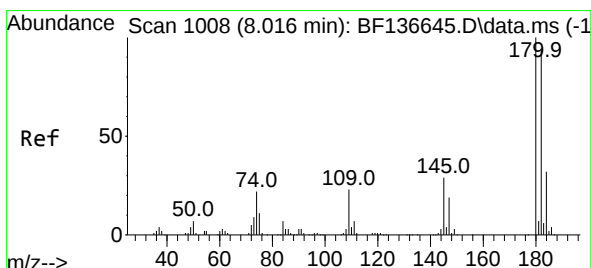
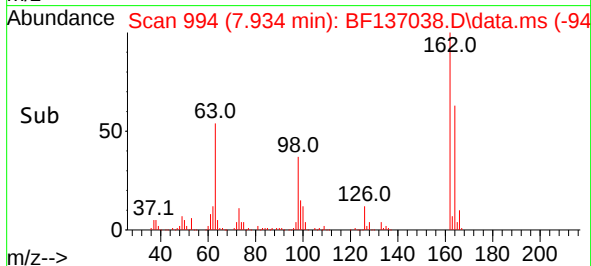
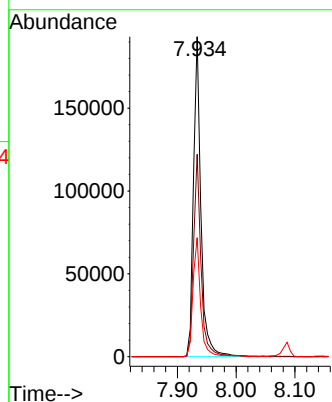
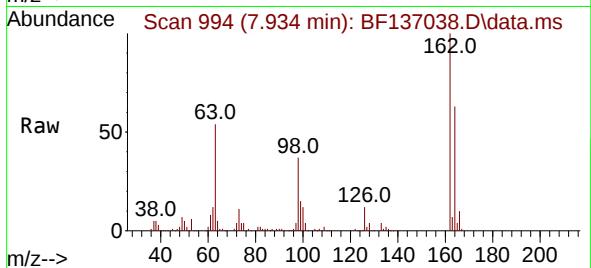




#29
2,4-Dichlorophenol
Concen: 40.988 ng
RT: 7.934 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

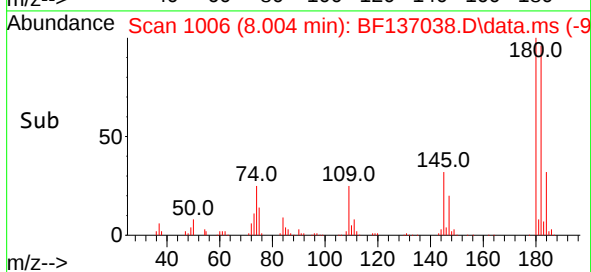
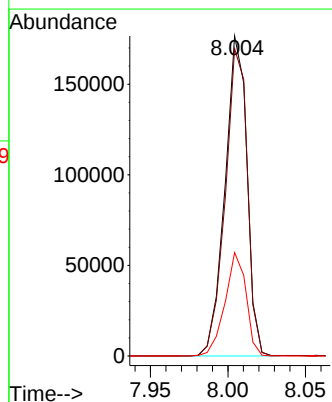
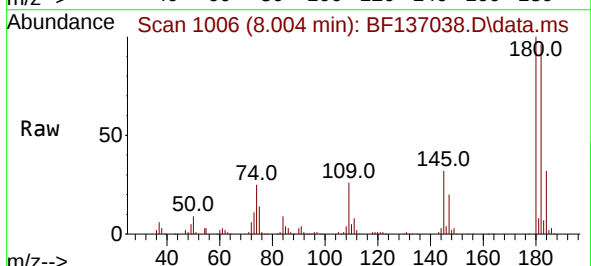
Instrument :
BNA_F
ClientSampleId :
PB158373BS

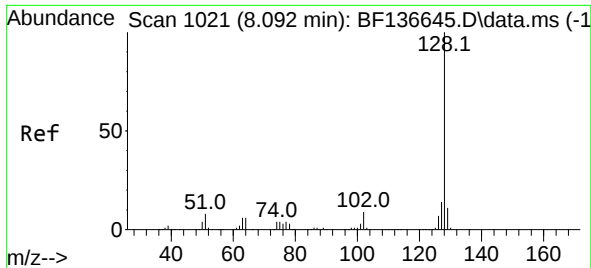
Tgt Ion:162 Resp: 171147
Ion Ratio Lower Upper
162 100
164 63.3 41.7 81.7
98 37.2 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 37.500 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:180 Resp: 174463
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.0
145 32.3 23.1 34.7

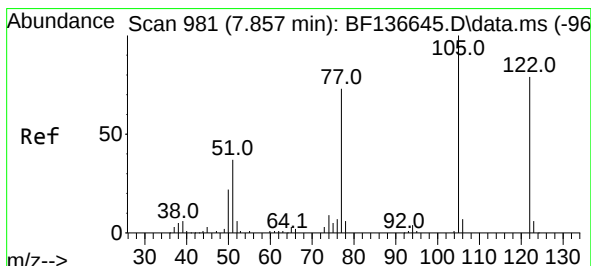
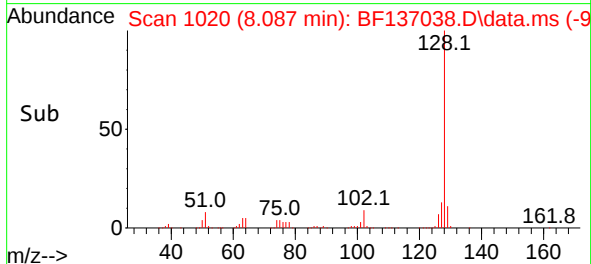
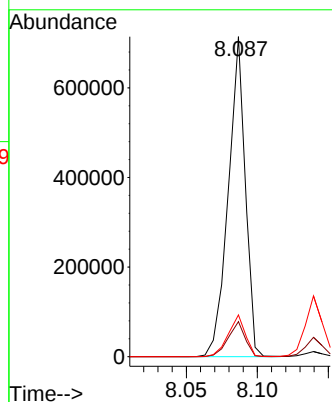
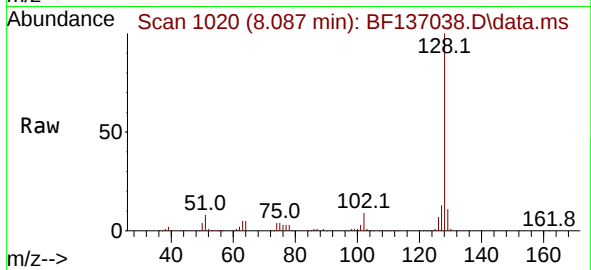




#31
Naphthalene
Concen: 38.055 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

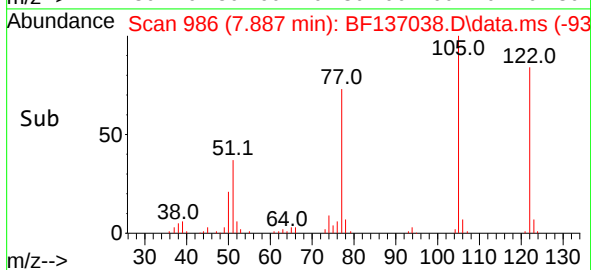
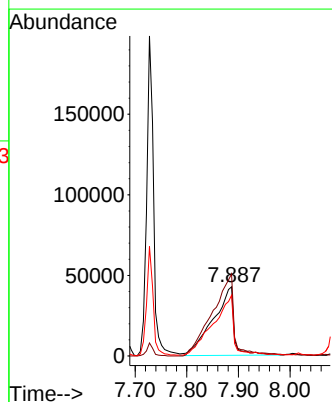
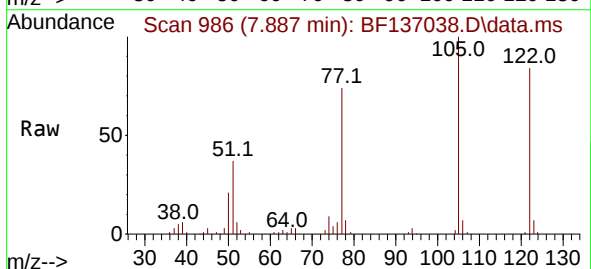
Instrument :
BNA_F
ClientSampleId :
PB158373BS

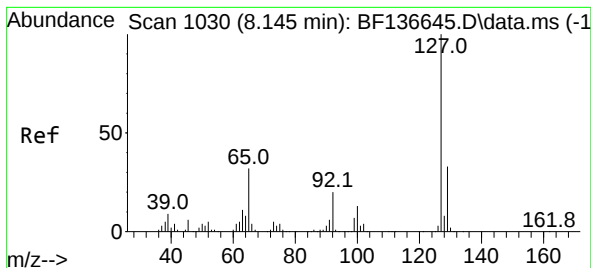
Tgt Ion:128 Resp: 594655
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 38.617 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.030 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:122 Resp: 121187
Ion Ratio Lower Upper
122 100
105 118.6 100.8 140.8
77 87.7 70.9 110.9





#33

4-Chloroaniline

Concen: 22.361 ng

RT: 8.140 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

Tgt Ion:127 Resp: 129010

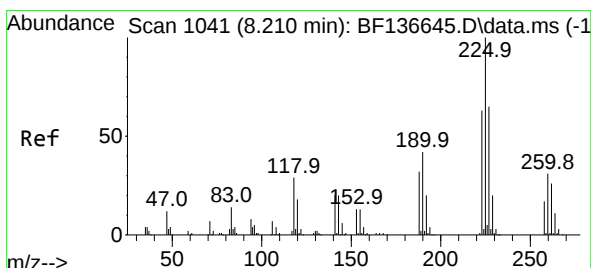
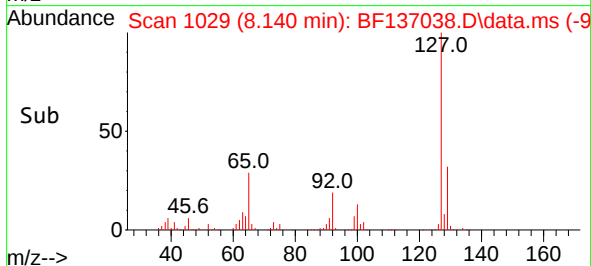
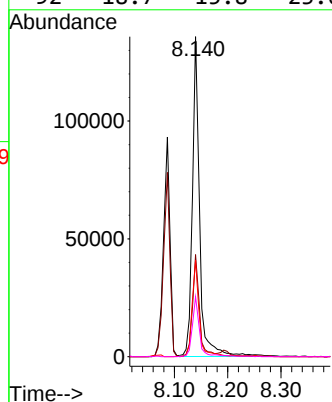
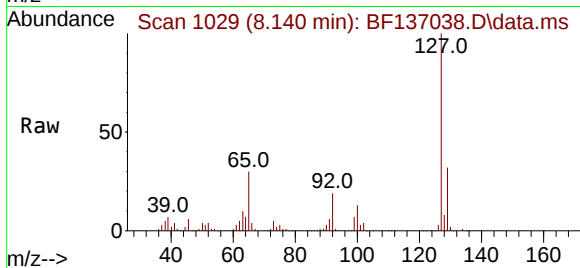
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 30.1 25.8 38.8

92 18.7 15.8 23.6



#34

Hexachlorobutadiene

Concen: 36.297 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.011 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

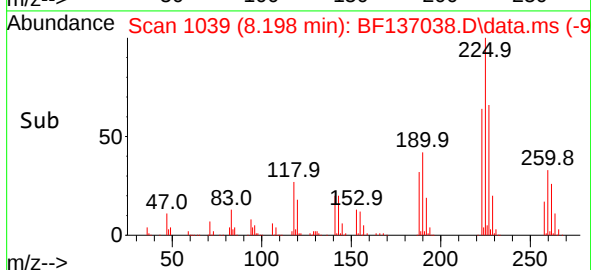
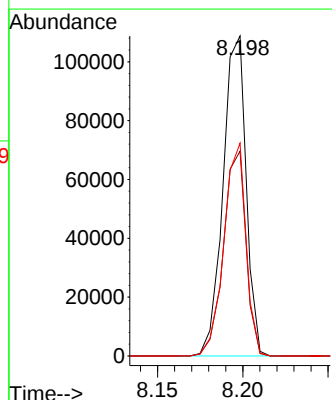
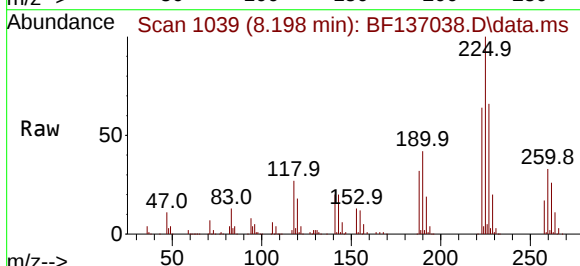
Tgt Ion:225 Resp: 102597

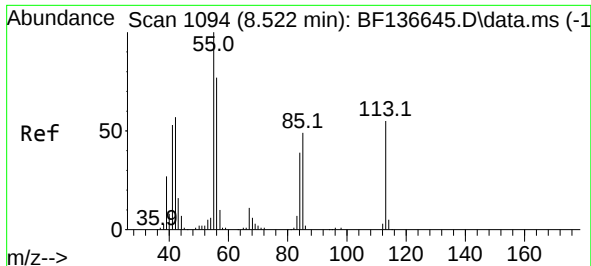
Ion Ratio Lower Upper

225 100

223 64.0 50.6 76.0

227 66.5 51.9 77.9

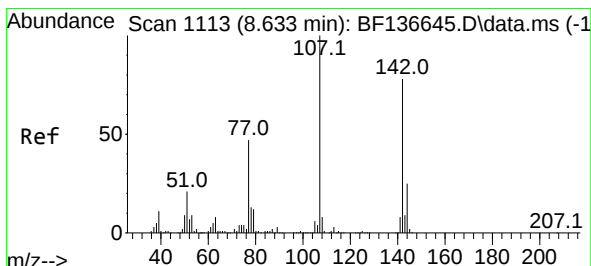
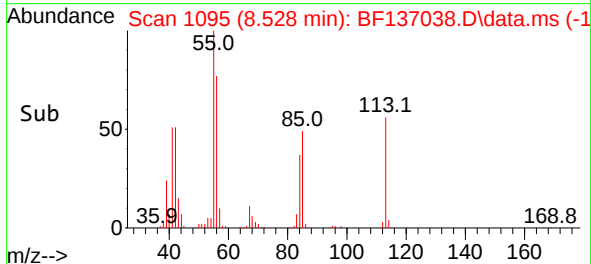
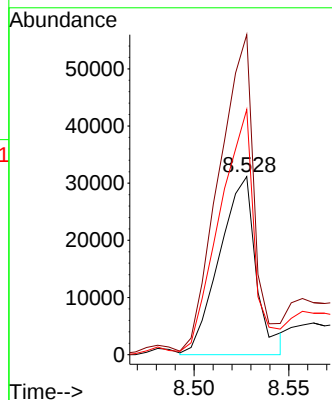
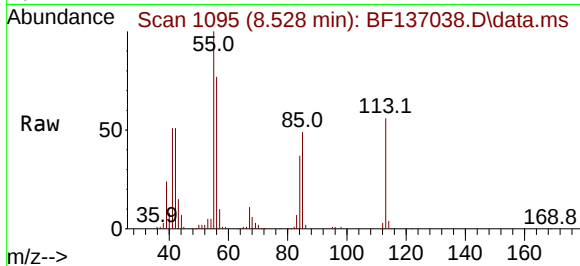




#35
Caprolactam
Concen: 30.382 ng
RT: 8.528 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

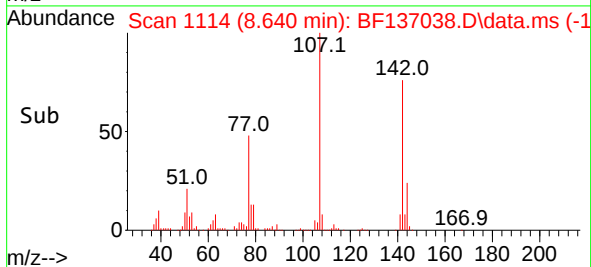
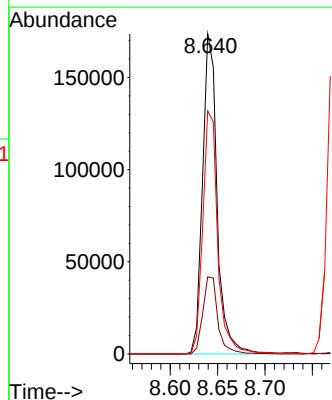
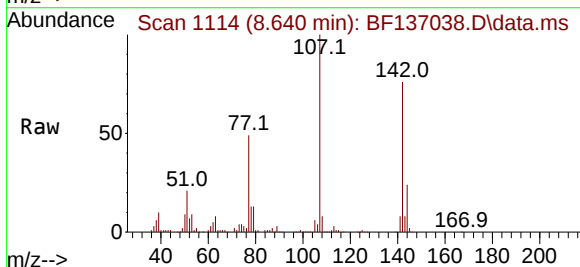
Instrument :
BNA_F
ClientSampleId :
PB158373BS

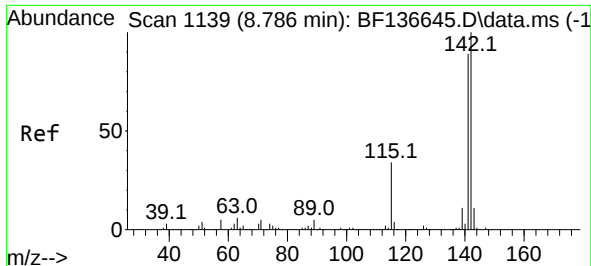
Tgt Ion:113 Resp: 41851
Ion Ratio Lower Upper
113 100
55 179.6 163.1 203.1
56 137.6 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 39.528 ng
RT: 8.640 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:107 Resp: 185811
Ion Ratio Lower Upper
107 100
144 24.1 20.2 30.2
142 75.9 62.3 93.5





#37

2-Methylnaphthalene

Concen: 39.356 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

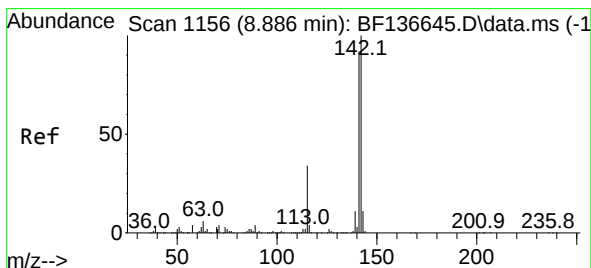
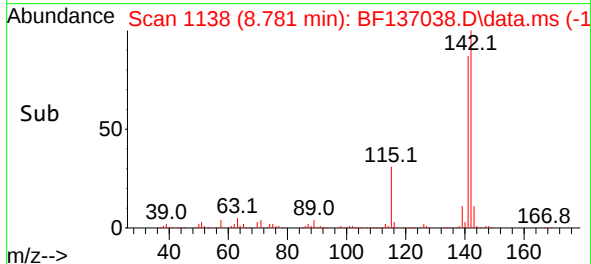
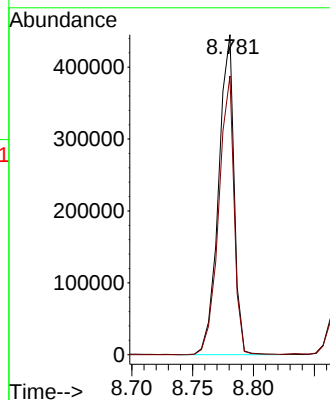
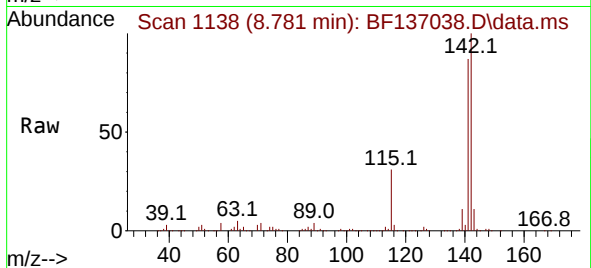
PB158373BS

Tgt Ion:142 Resp: 395785

Ion Ratio Lower Upper

142 100

141 87.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 36.136 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF137038.D

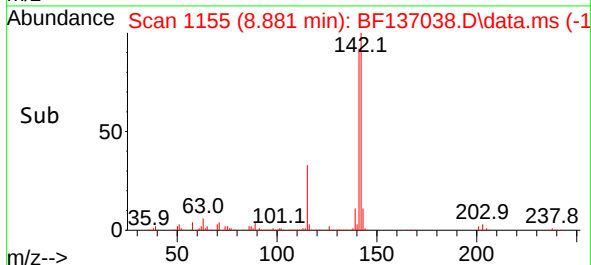
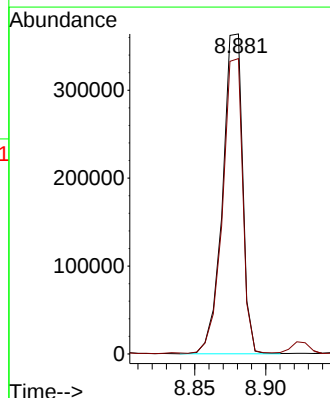
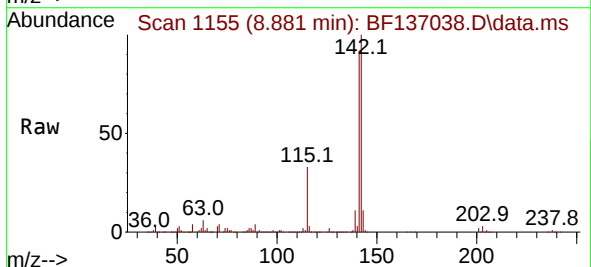
Acq: 11 Jan 2024 14:46

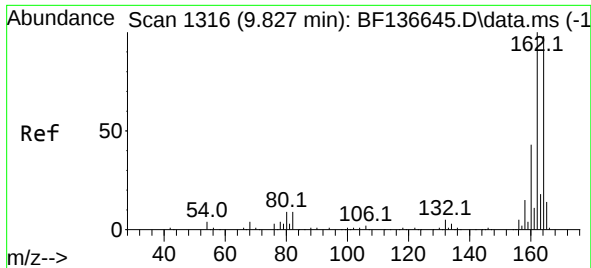
Tgt Ion:142 Resp: 356532

Ion Ratio Lower Upper

142 100

141 92.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

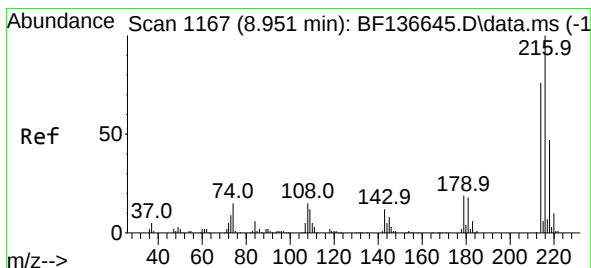
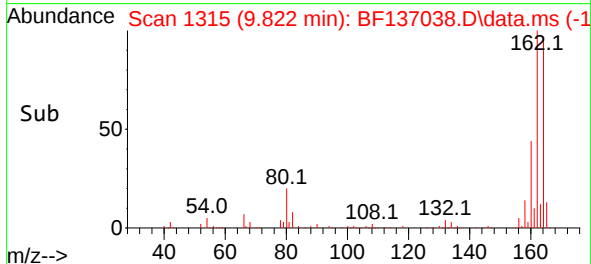
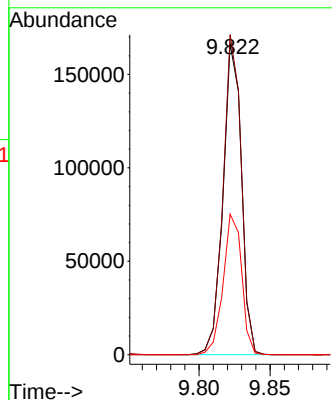
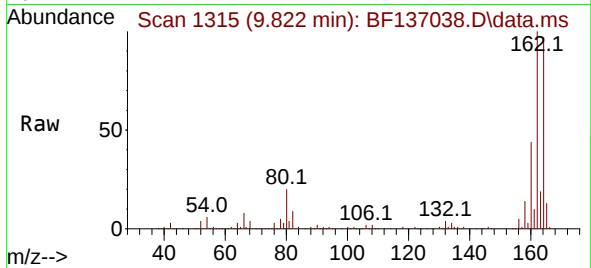
Tgt Ion:164 Resp: 149775

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

160 45.2 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.119 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Tgt Ion:216 Resp: 181451

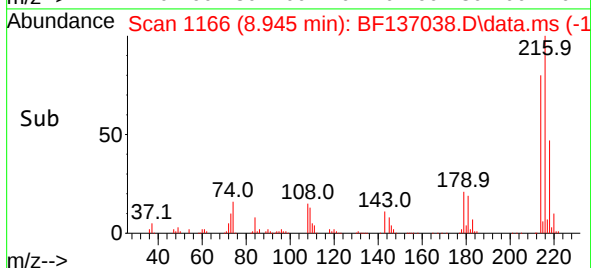
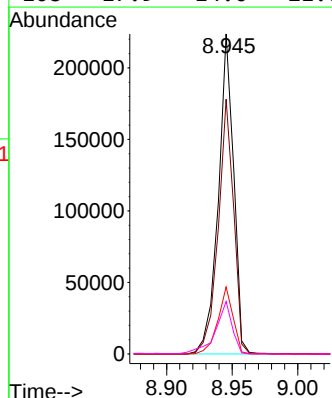
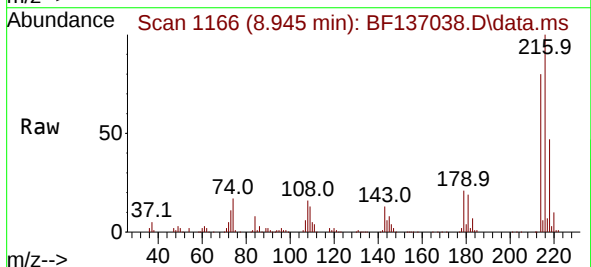
Ion Ratio Lower Upper

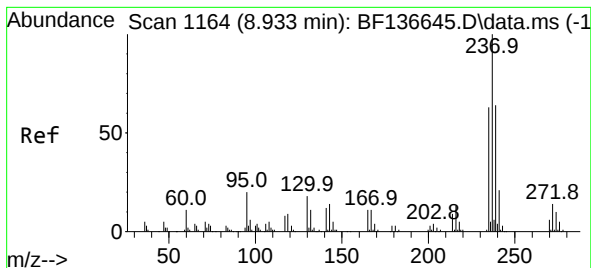
216 100

214 79.9 62.3 93.5

179 20.8 16.4 24.6

108 17.9 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 68.361 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

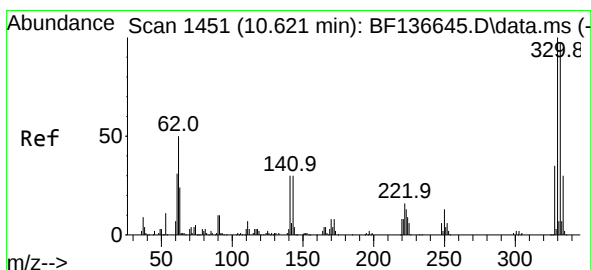
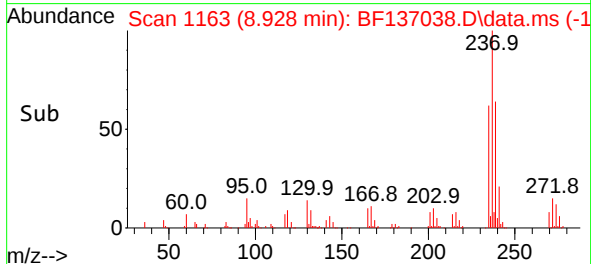
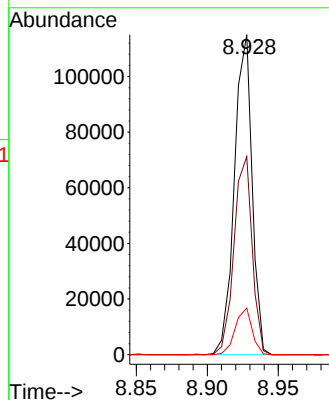
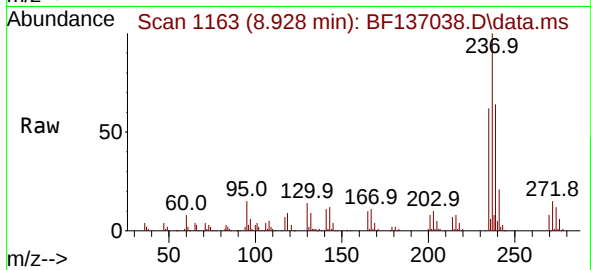
Tgt Ion:237 Resp: 99980

Ion Ratio Lower Upper

237 100

235 61.9 43.2 83.2

272 14.5 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 112.535 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

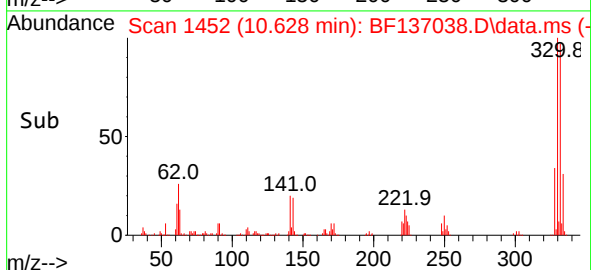
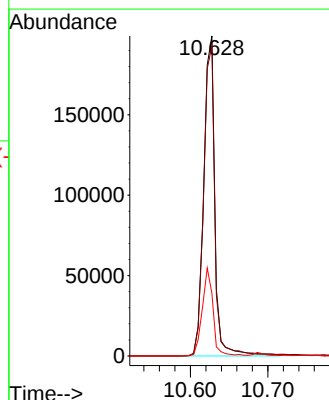
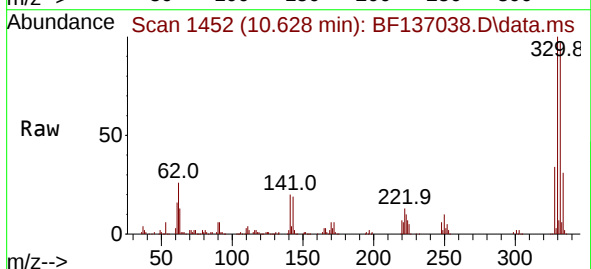
Tgt Ion:330 Resp: 198504

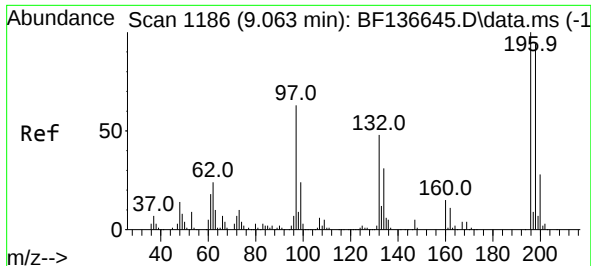
Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.0

141 26.6 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 39.225 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

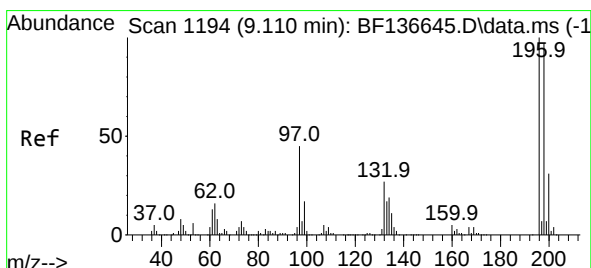
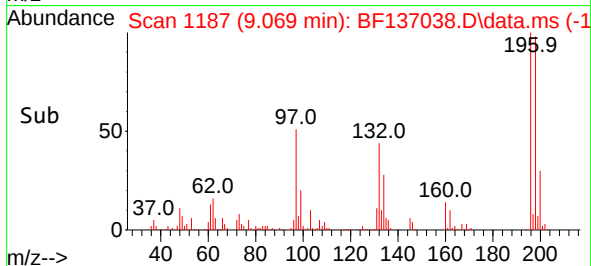
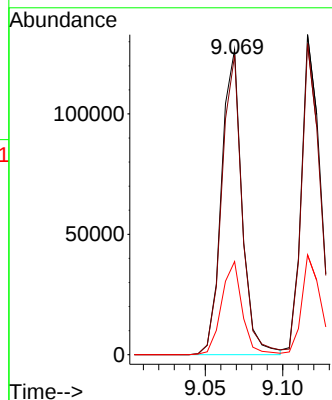
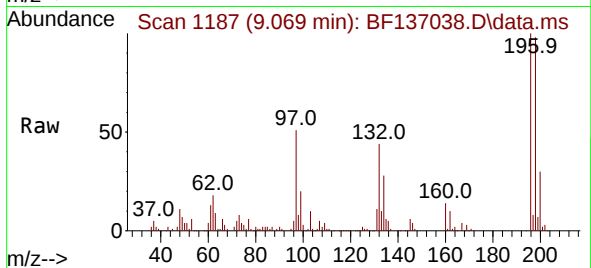
Tgt Ion:196 Resp: 116683

Ion Ratio Lower Upper

196 100

198 98.1 75.1 112.7

200 30.5 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 37.997 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Tgt Ion:196 Resp: 125957

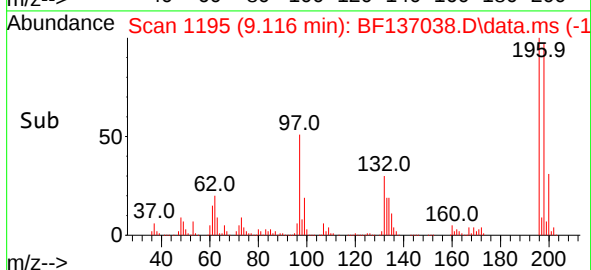
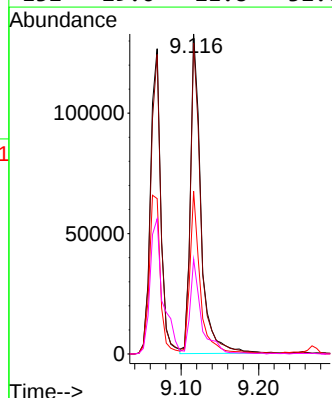
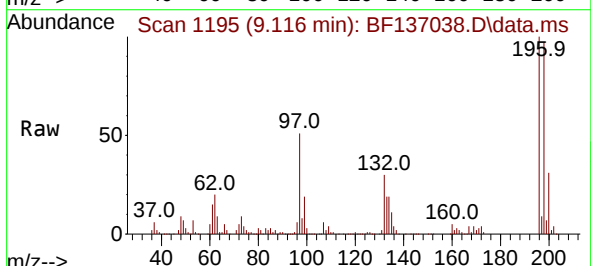
Ion Ratio Lower Upper

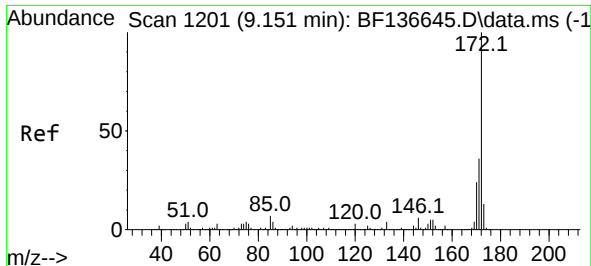
196 100

198 97.2 77.0 115.6

97 50.8 36.1 54.1

132 29.6 21.8 32.6

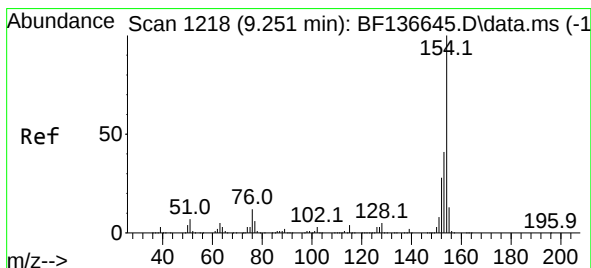
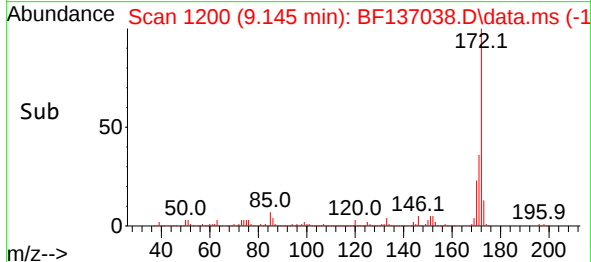
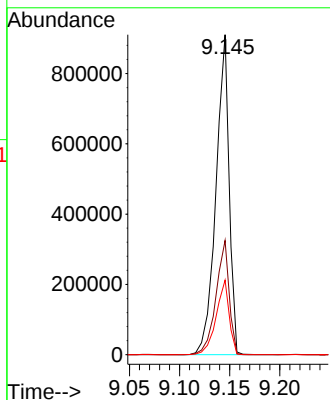
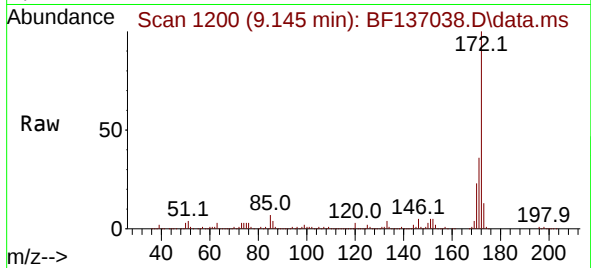




#45
2-Fluorobiphenyl
Concen: 74.695 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

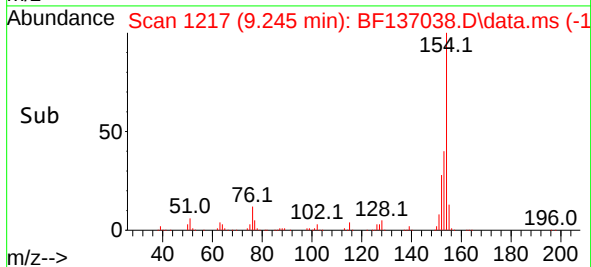
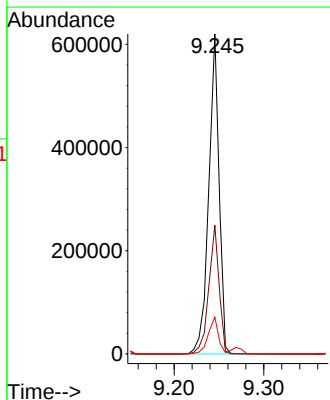
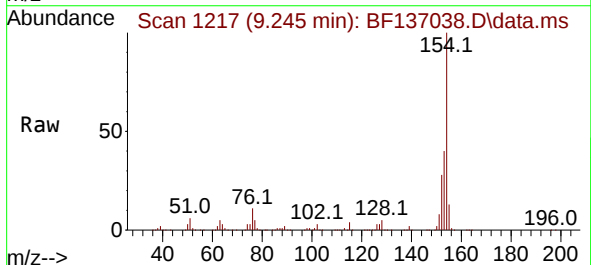
Instrument :
BNA_F
ClientSampleId :
PB158373BS

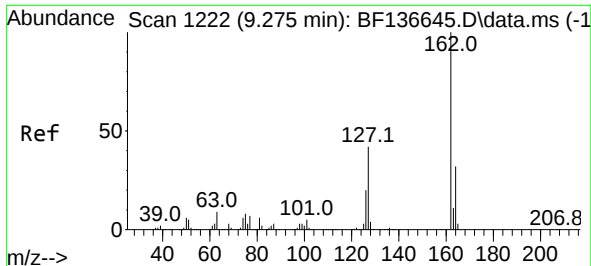
Tgt Ion:172 Resp: 831788
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.573 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:154 Resp: 497366
Ion Ratio Lower Upper
154 100
153 40.3 21.1 61.1
76 11.5 0.0 31.7

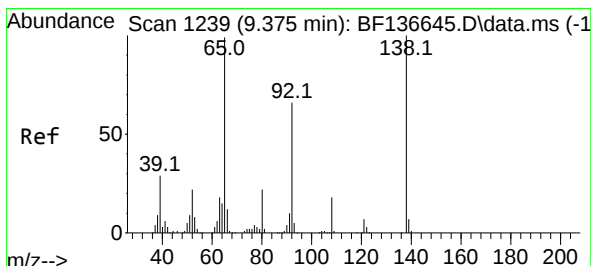
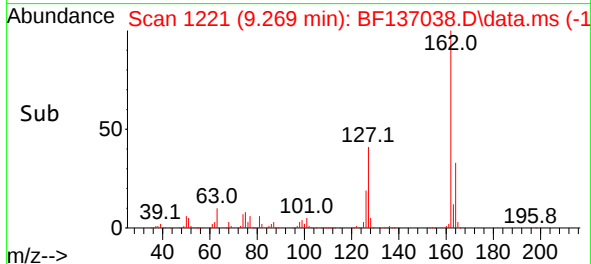
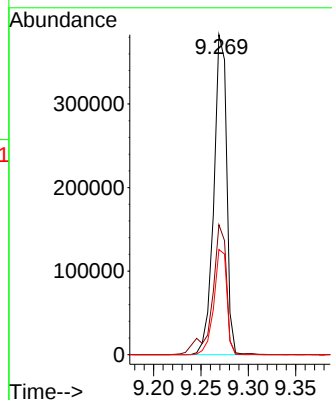
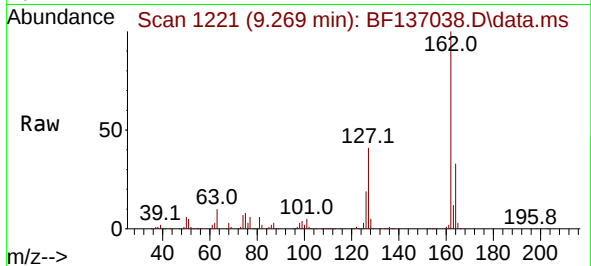




#47
2-Chloronaphthalene
Concen: 37.886 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

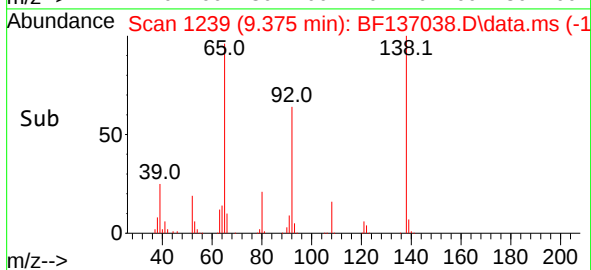
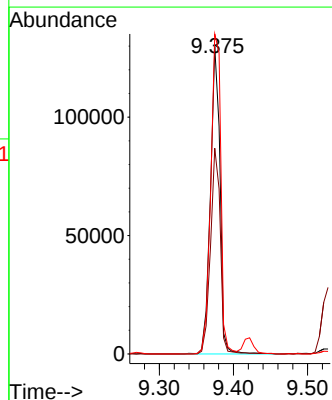
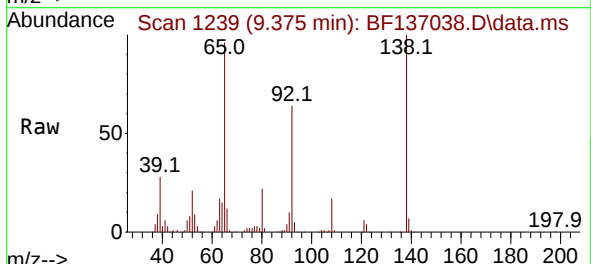
Instrument :
BNA_F
ClientSampleId :
PB158373BS

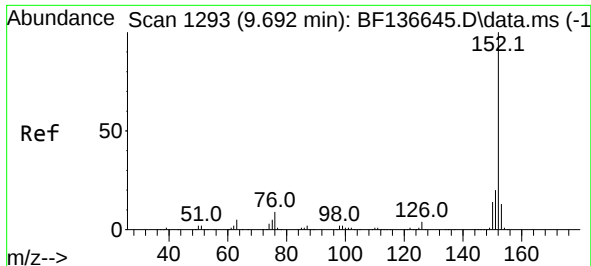
Tgt Ion:162 Resp: 361985
Ion Ratio Lower Upper
162 100
127 40.6 33.6 50.4
164 32.9 25.7 38.5



#48
2-Nitroaniline
Concen: 38.907 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion: 65 Resp: 116410
Ion Ratio Lower Upper
65 100
92 67.0 53.2 79.8
138 104.2 81.1 121.7





#49

Acenaphthylene

Concen: 39.546 ng

RT: 9.687 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

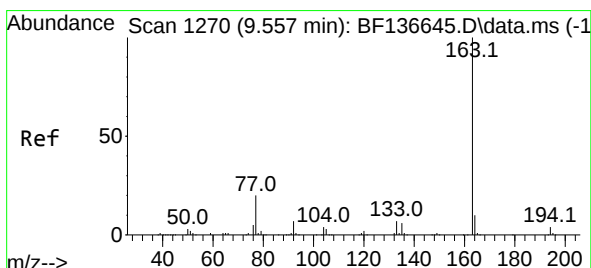
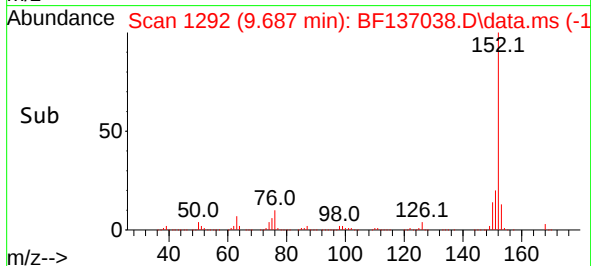
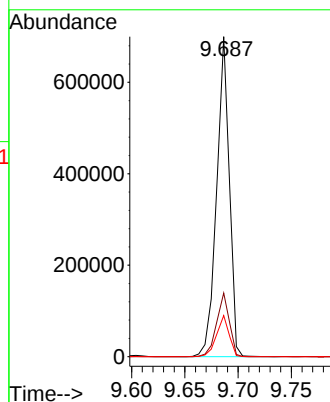
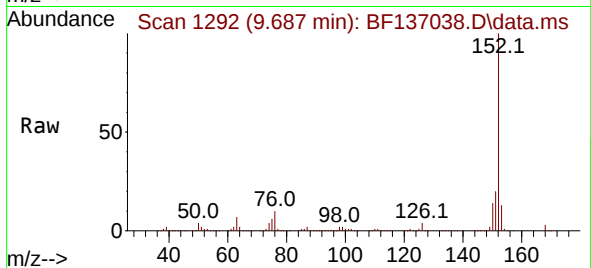
Tgt Ion:152 Resp: 577538

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 12.8 10.2 15.2



#50

Dimethylphthalate

Concen: 39.305 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

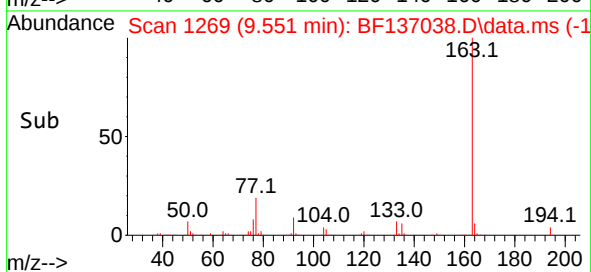
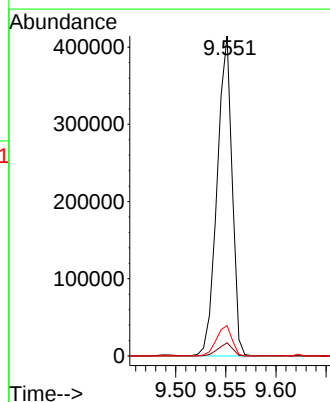
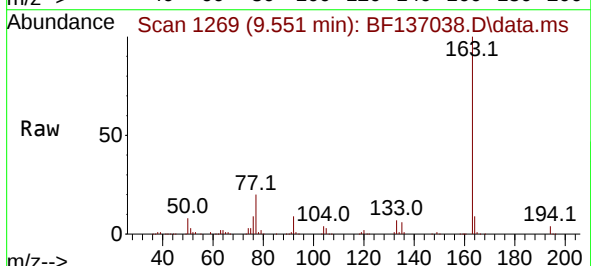
Tgt Ion:163 Resp: 429994

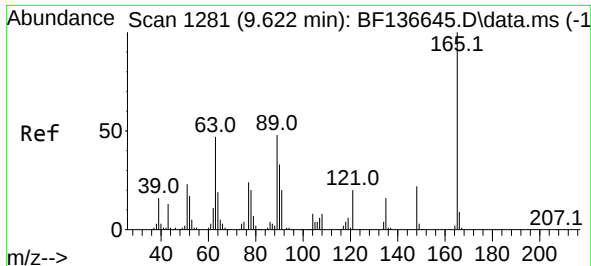
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.5 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 37.899 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

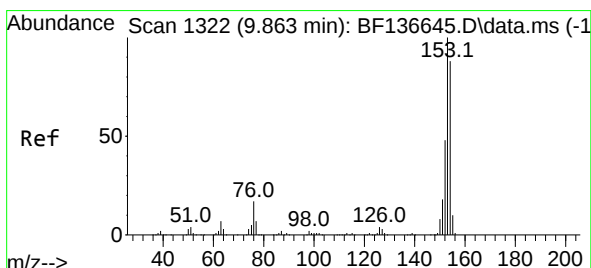
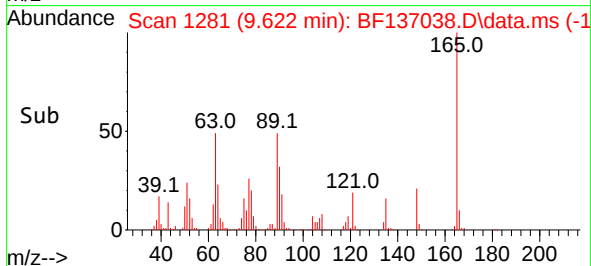
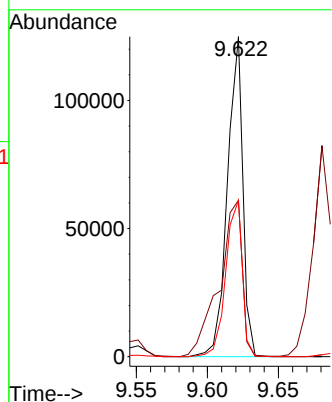
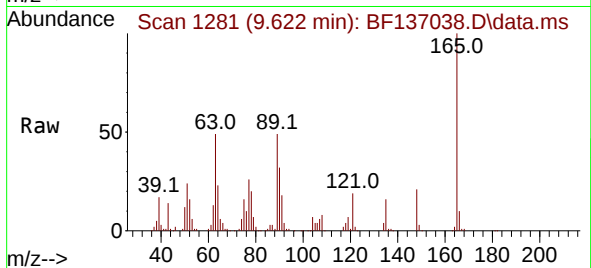
Tgt Ion:165 Resp: 94097

Ion Ratio Lower Upper

165 100

63 48.9 39.8 59.6

89 48.8 38.8 58.2



#52

Acenaphthene

Concen: 38.769 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

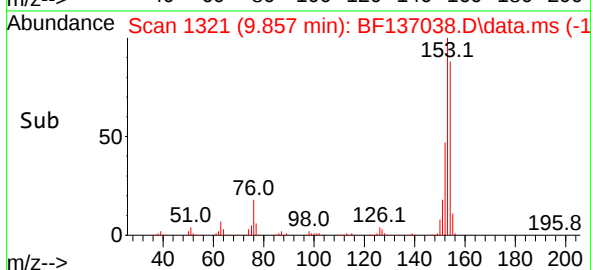
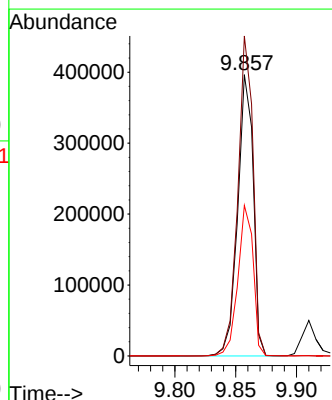
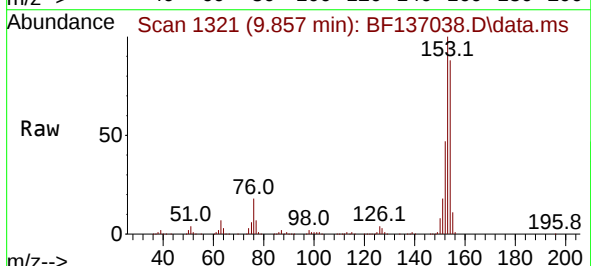
Tgt Ion:154 Resp: 350969

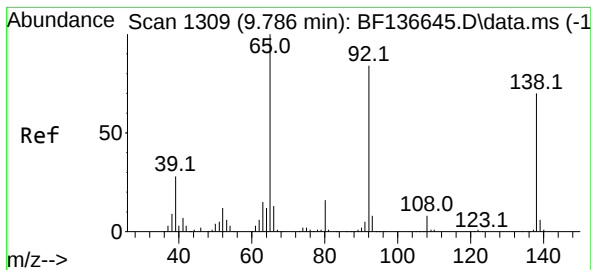
Ion Ratio Lower Upper

154 100

153 113.8 90.7 136.1

152 53.6 43.7 65.5





#53

3-Nitroaniline

Concen: 29.821 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

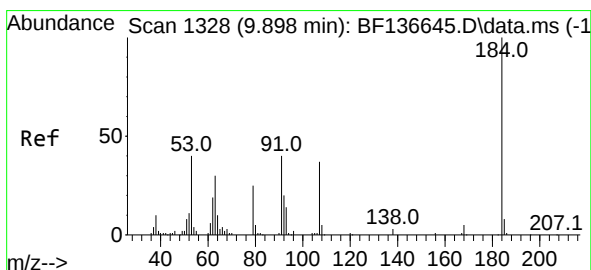
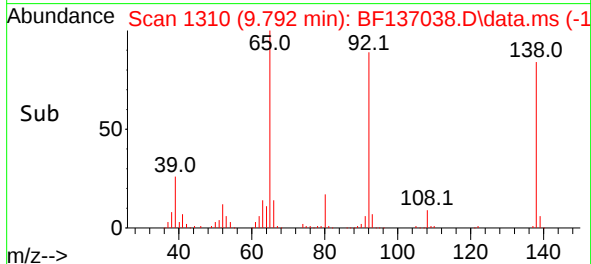
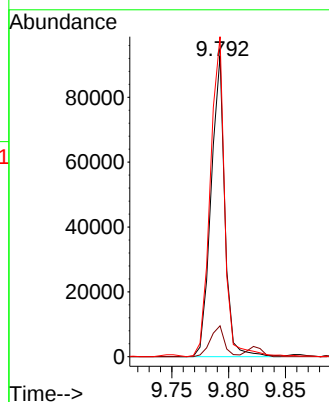
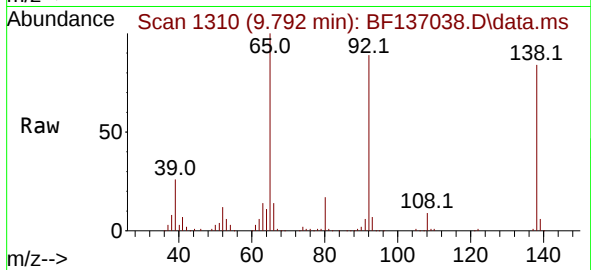
Tgt Ion:138 Resp: 78433

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

92 106.3 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 59.328 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.012 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

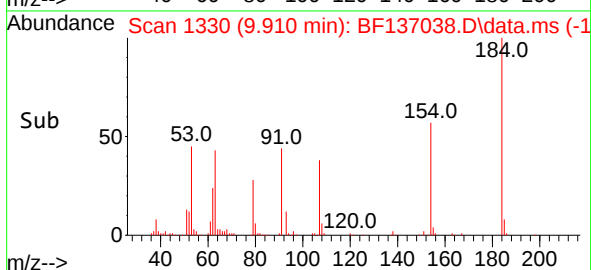
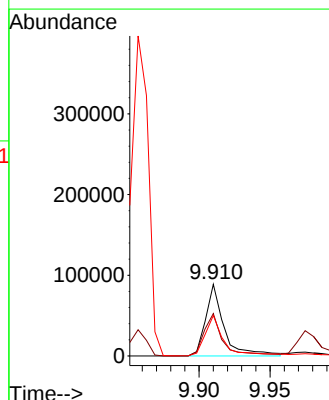
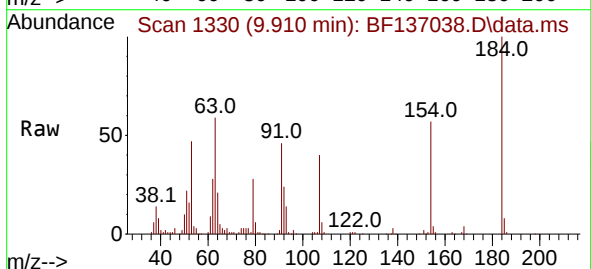
Tgt Ion:184 Resp: 80245

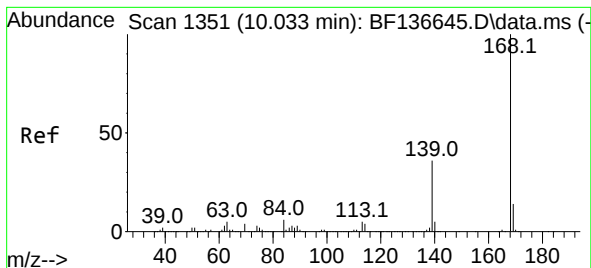
Ion Ratio Lower Upper

184 100

63 59.2 40.9 61.3

154 56.5 42.7 64.1





#55

Dibenzenofuran

Concen: 38.326 ng

RT: 10.034 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

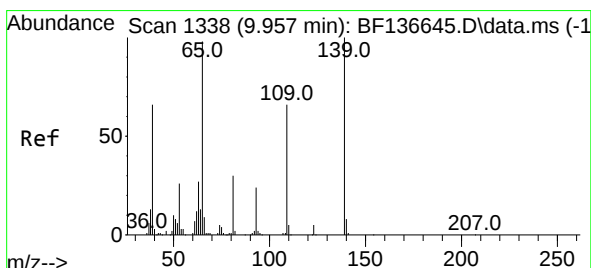
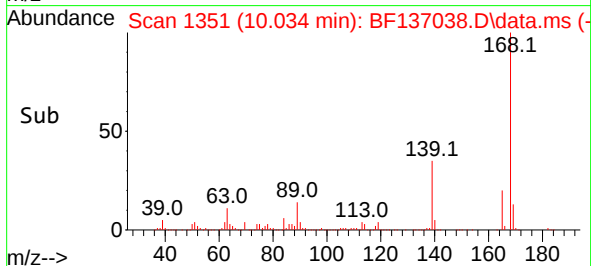
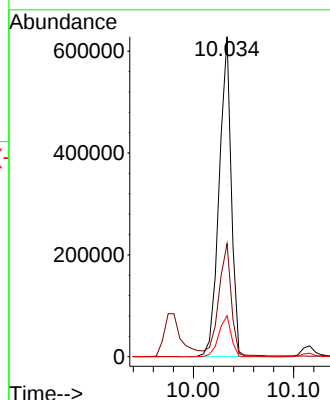
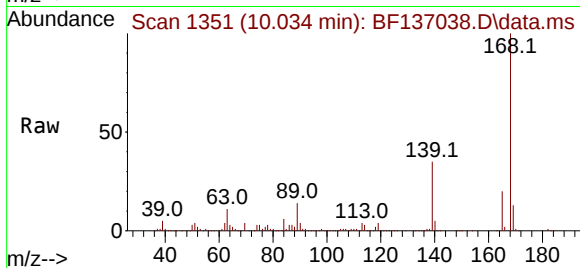
Tgt Ion:168 Resp: 525951

Ion Ratio Lower Upper

168 100

139 35.3 29.3 43.9

169 12.8 11.0 16.4



#56

4-Nitrophenol

Concen: 59.078 ng

RT: 9.975 min Scan# 1341

Delta R.T. 0.018 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

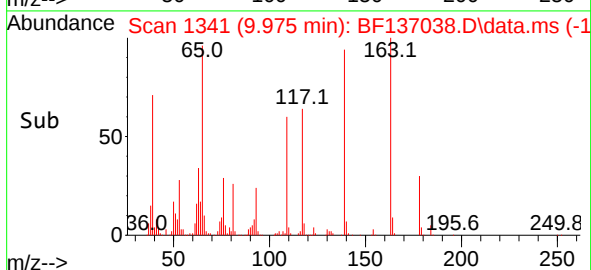
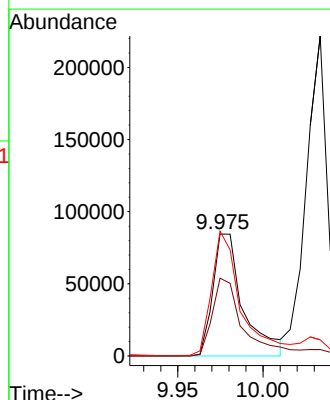
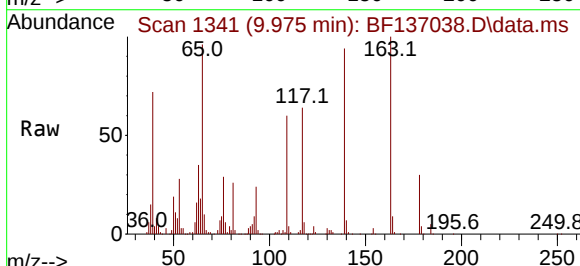
Tgt Ion:139 Resp: 104891

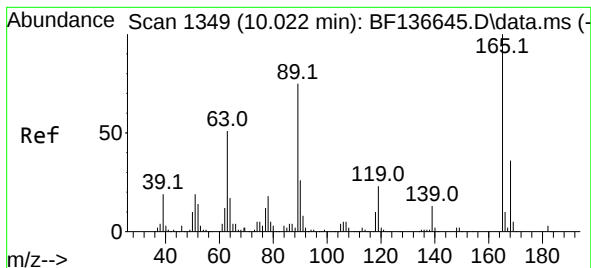
Ion Ratio Lower Upper

139 100

109 63.8 45.8 85.8

65 102.4 77.8 117.8

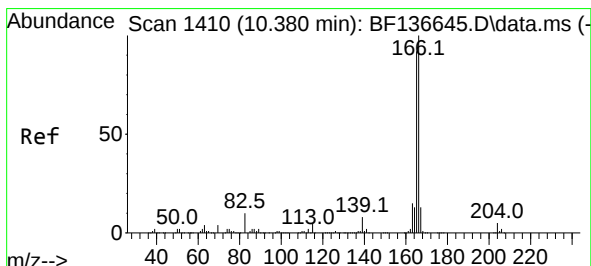
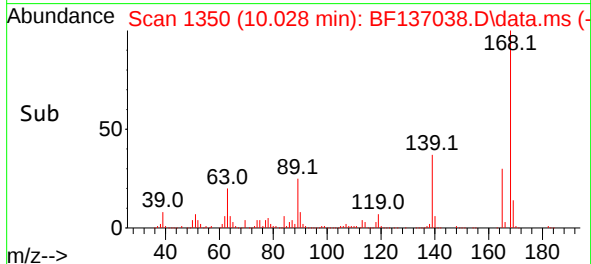
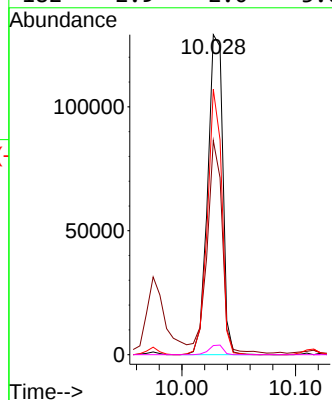
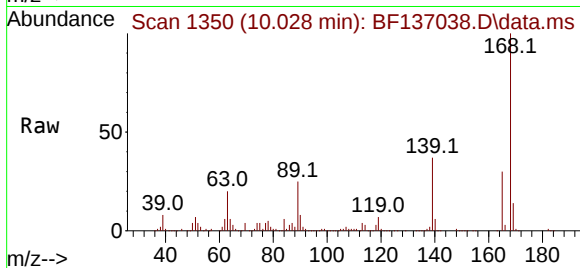




#57
2,4-Dinitrotoluene
Concen: 36.928 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

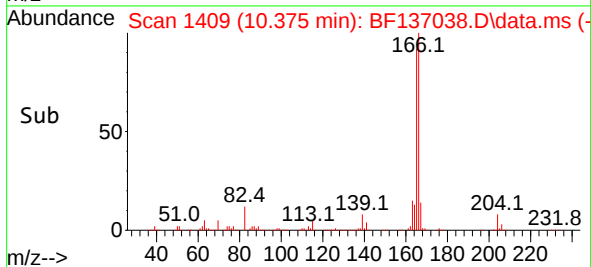
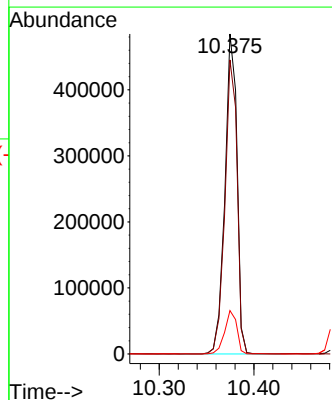
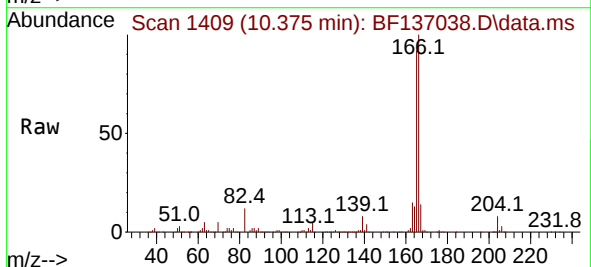
Instrument :
BNA_F
ClientSampleId :
PB158373BS

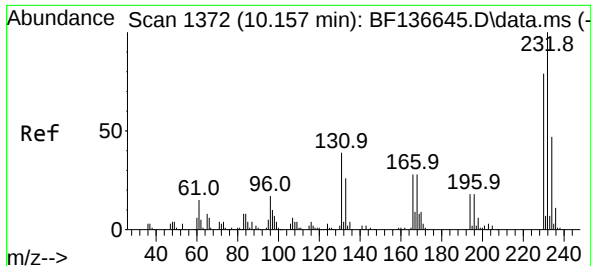
Tgt Ion:165 Resp: 119027
Ion Ratio Lower Upper
165 100
63 66.9 41.0 61.6#
89 82.9 59.9 89.9
182 2.9 2.0 3.0



#58
Fluorene
Concen: 39.662 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:166 Resp: 431859
Ion Ratio Lower Upper
166 100
165 91.9 73.7 110.5
167 13.5 10.4 15.6

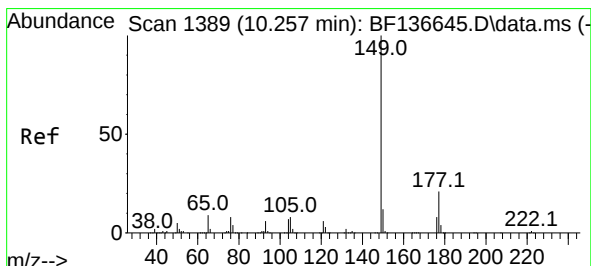
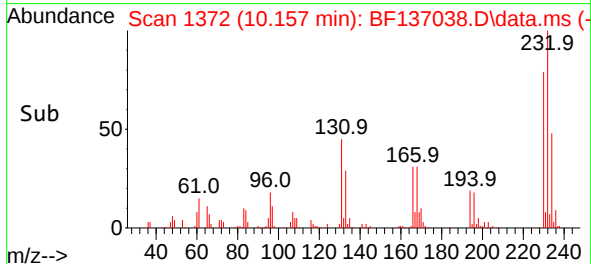
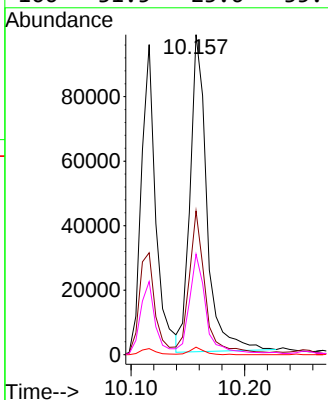
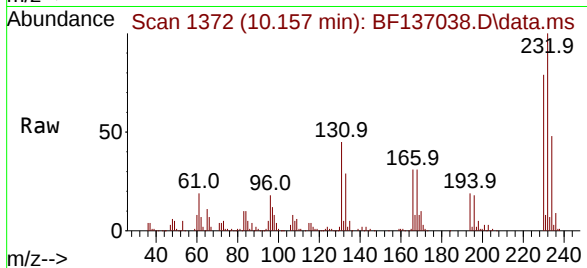




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.589 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

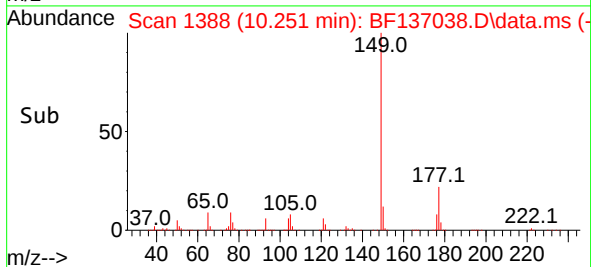
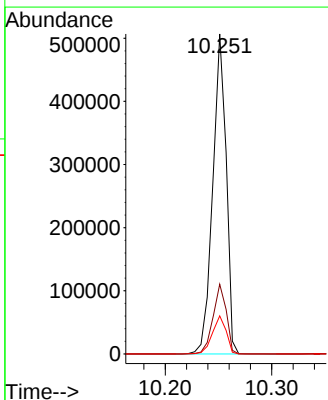
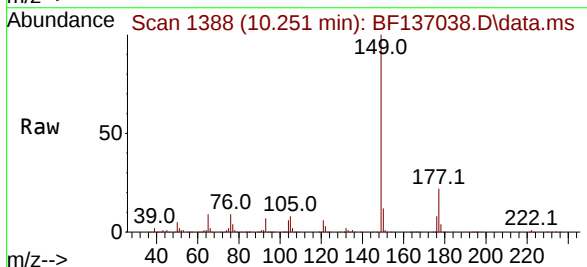
Instrument :
BNA_F
ClientSampleId :
PB158373BS

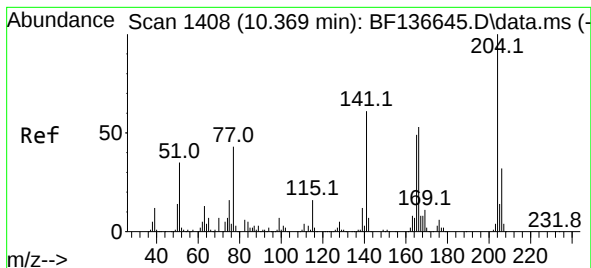
Tgt Ion:232 Resp: 101022
Ion Ratio Lower Upper
232 100
131 42.4 35.1 52.7
130 2.0 1.6 2.4
166 31.5 23.6 35.4



#60
Diethylphthalate
Concen: 38.826 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:149 Resp: 440703
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 11.9 9.3 13.9

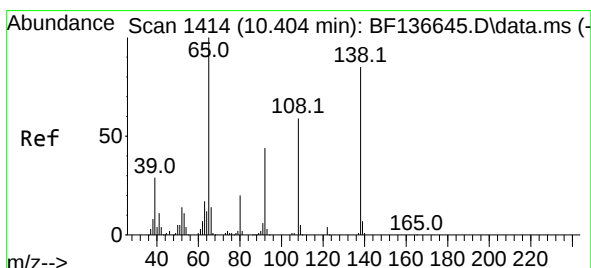
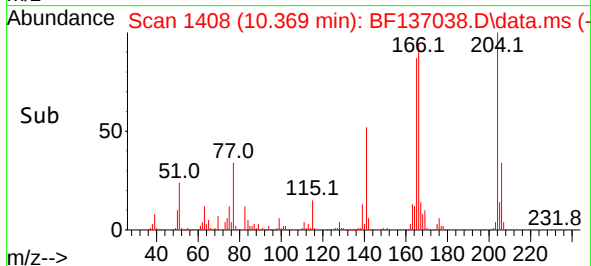
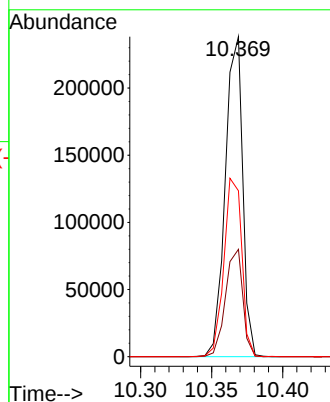
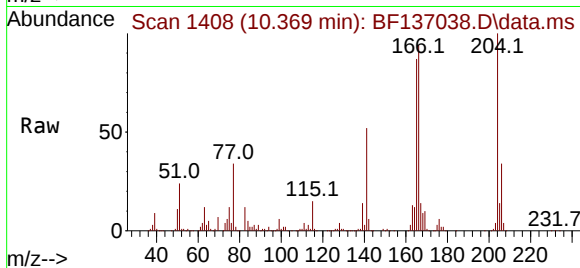




#61
4-Chlorophenyl-phenylether
Concen: 38.286 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

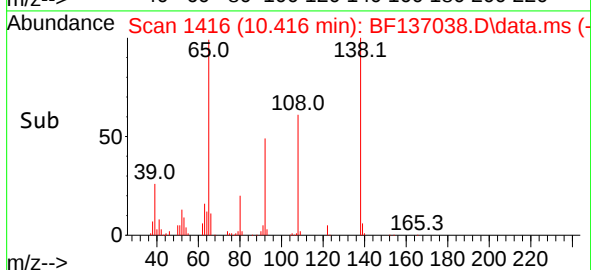
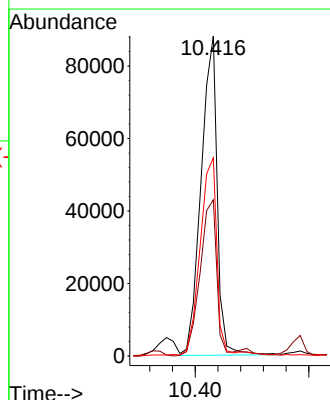
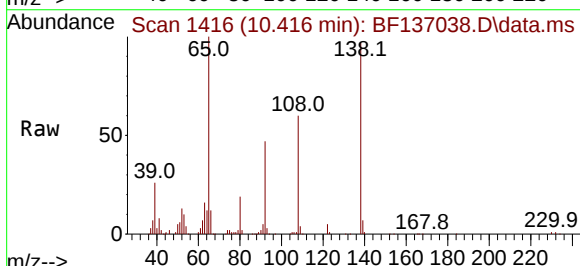
Instrument :
BNA_F
ClientSampleId :
PB158373BS

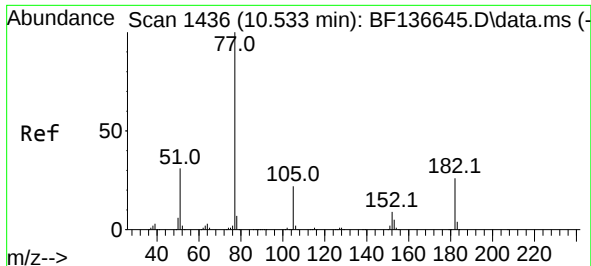
Tgt Ion:204 Resp: 202633
Ion Ratio Lower Upper
204 100
206 33.6 25.6 38.4
141 51.8 48.4 72.6



#62
4-Nitroaniline
Concen: 34.260 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:138 Resp: 86864
Ion Ratio Lower Upper
138 100
92 48.8 32.1 72.1
108 61.9 50.1 90.1

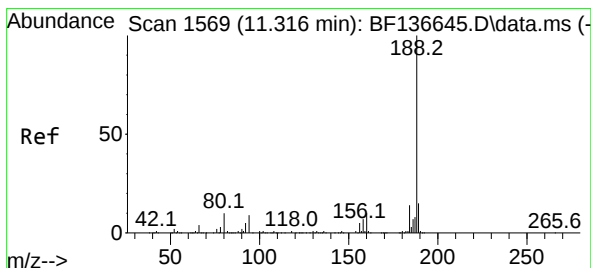
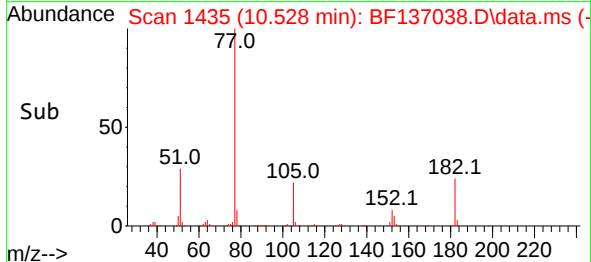
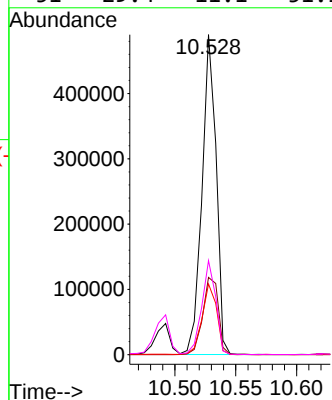
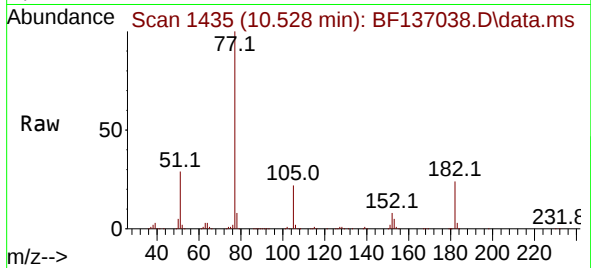




#63
Azobenzene
Concen: 37.442 ng
RT: 10.528 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

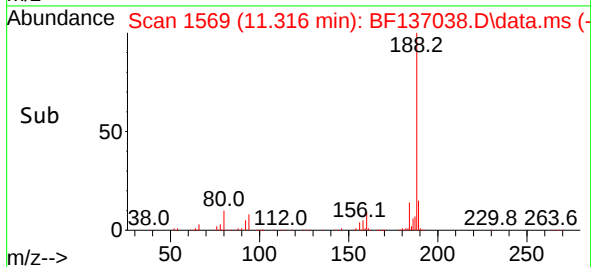
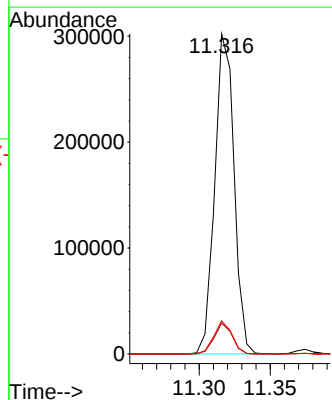
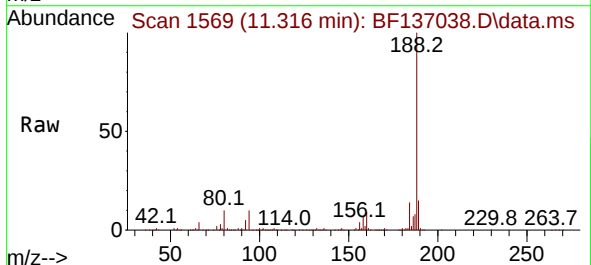
Instrument :
BNA_F
ClientSampleId :
PB158373BS

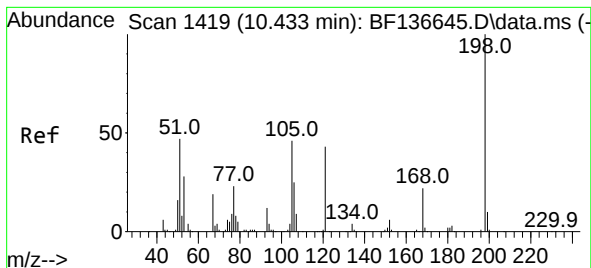
Tgt Ion: 77	Resp: 396947
Ion Ratio	Lower Upper
77 100	
182 24.2	6.0 46.0
105 22.1	2.3 42.3
51 29.4	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:188	Resp: 285559		
Ion Ratio	Lower	Upper	
188 100			
94 9.6	7.5	11.3	
80 10.3	8.1	12.1	

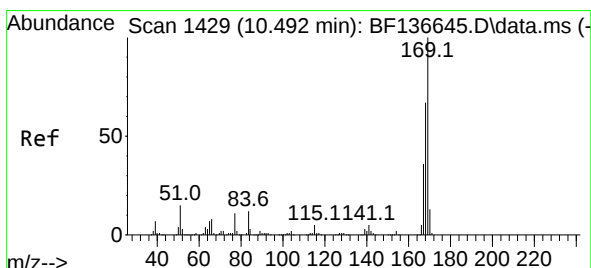
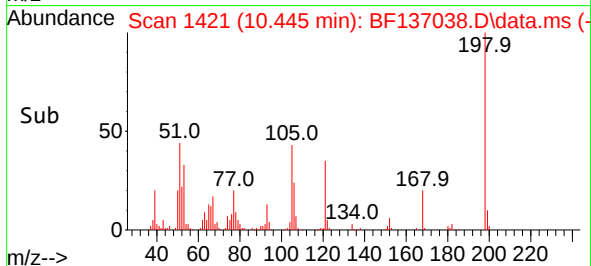
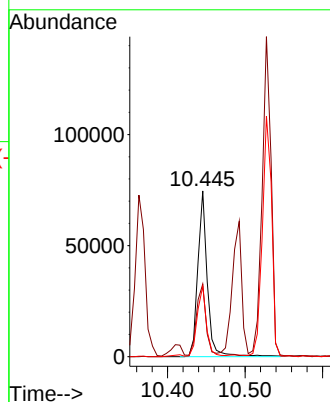
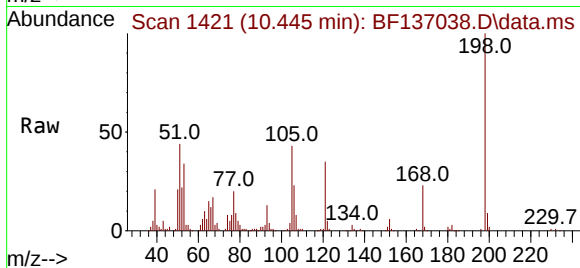




#65
4,6-Dinitro-2-methylphenol
Concen: 38.910 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

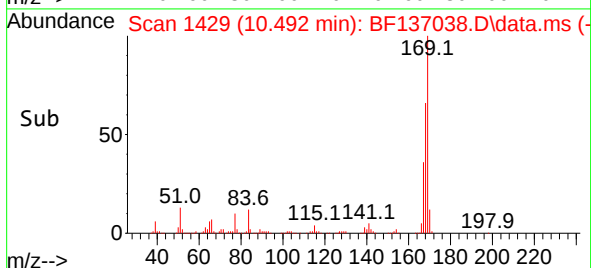
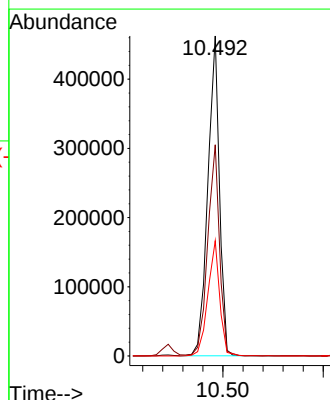
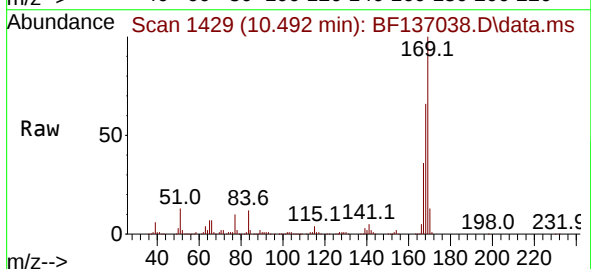
Instrument :
BNA_F
ClientSampleId :
PB158373BS

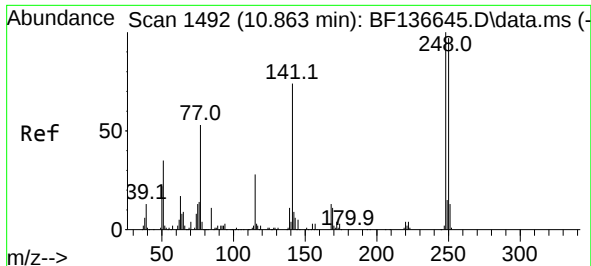
Tgt Ion:198 Resp: 63677
Ion Ratio Lower Upper
198 100
51 43.8 34.1 74.1
105 42.6 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.313 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:169 Resp: 373958
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.6
167 36.0 28.7 43.1

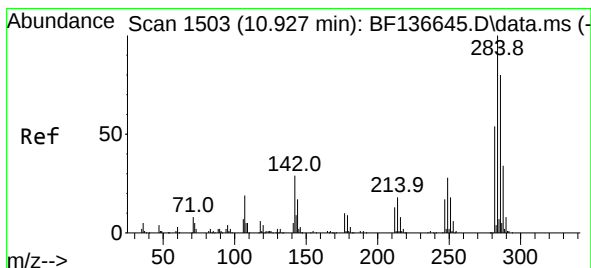
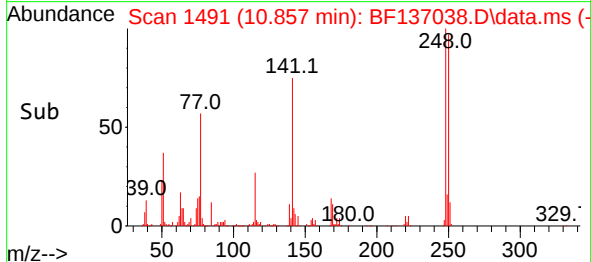
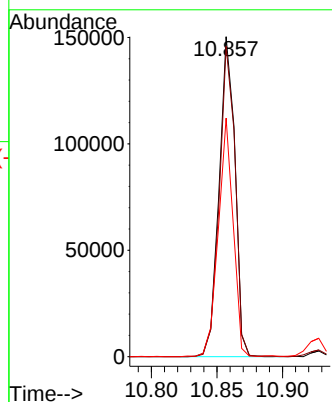
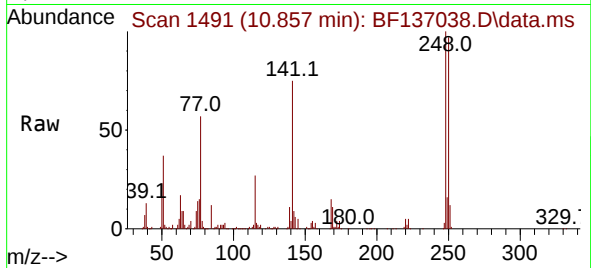




#67
4-Bromophenyl-phenylether
Concen: 39.817 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

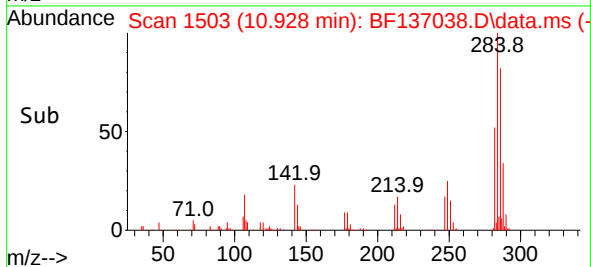
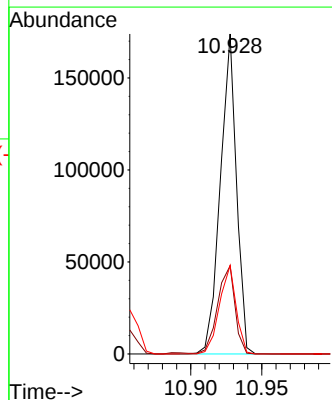
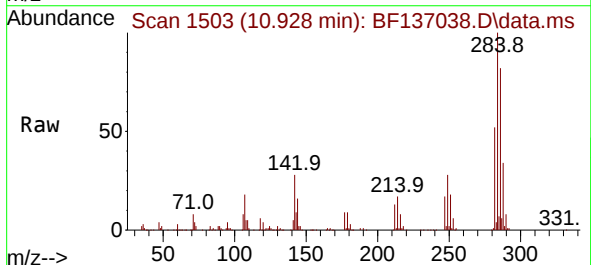
Instrument :
BNA_F
ClientSampleId :
PB158373BS

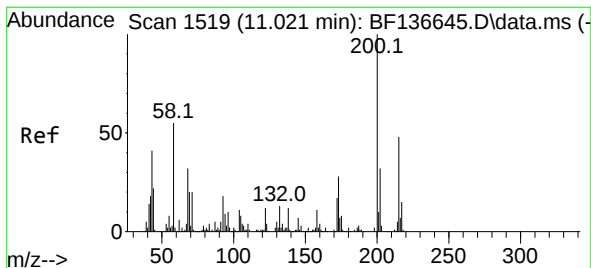
Tgt Ion:248 Resp: 126272
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.6
141 74.6 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.816 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:284 Resp: 137183
Ion Ratio Lower Upper
284 100
142 27.6 23.4 35.0
249 27.7 22.3 33.5





#69

Atrazine

Concen: 67.994 ng

RT: 11.028 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

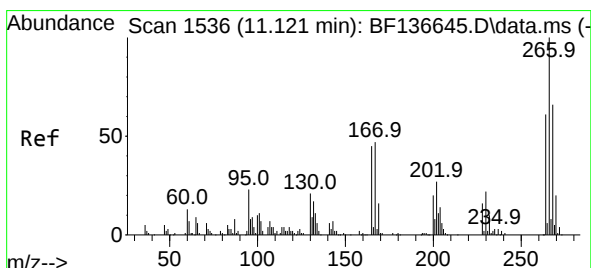
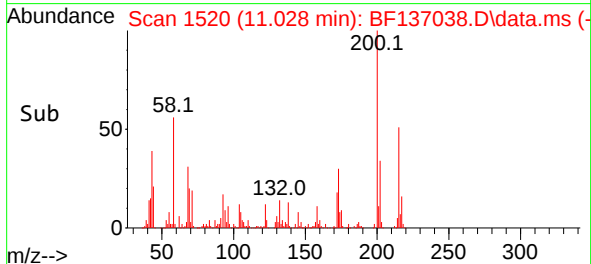
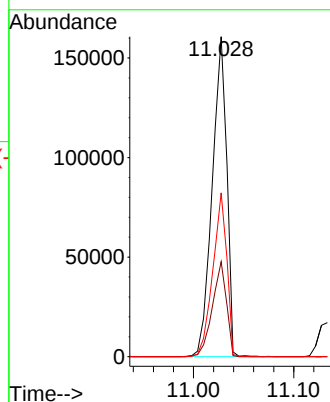
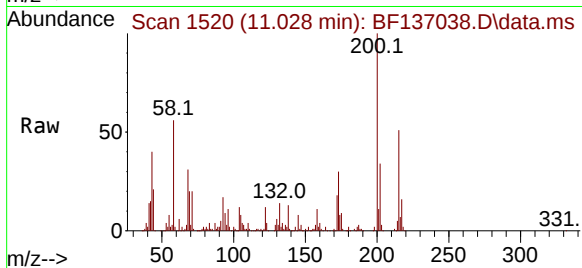
Tgt Ion:200 Resp: 161321

Ion Ratio Lower Upper

200 100

173 29.7 7.6 47.6

215 51.2 28.3 68.3



#70

Pentachlorophenol

Concen: 67.440 ng

RT: 11.133 min Scan# 1538

Delta R.T. 0.012 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

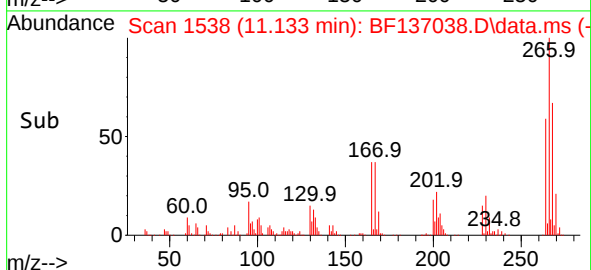
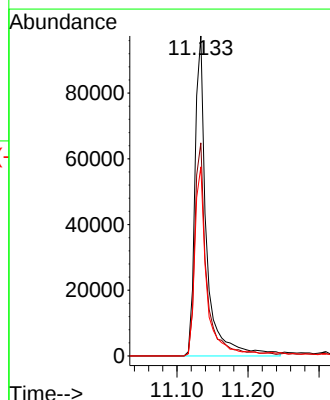
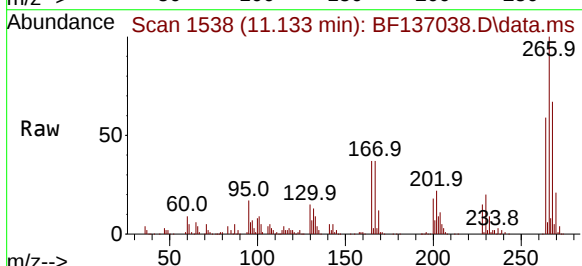
Tgt Ion:266 Resp: 111095

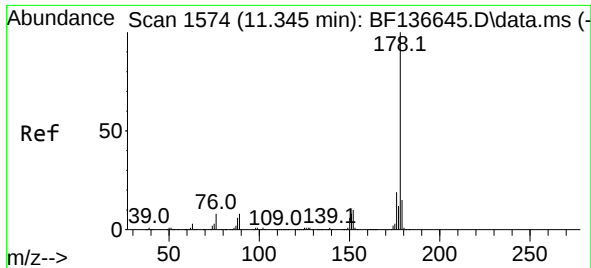
Ion Ratio Lower Upper

266 100

268 66.6 52.6 78.8

264 59.1 49.0 73.4

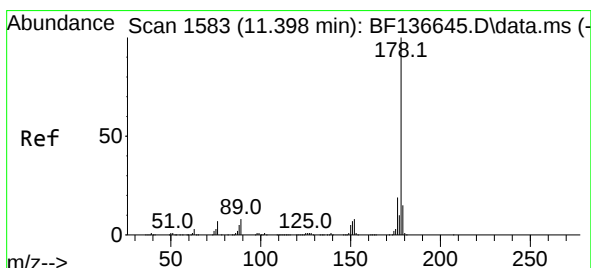
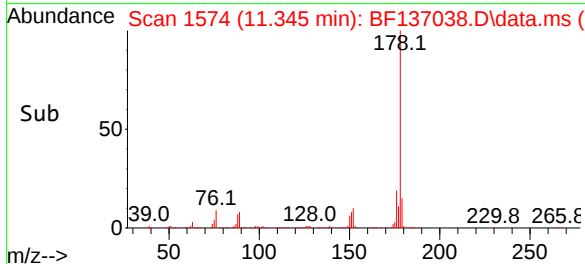
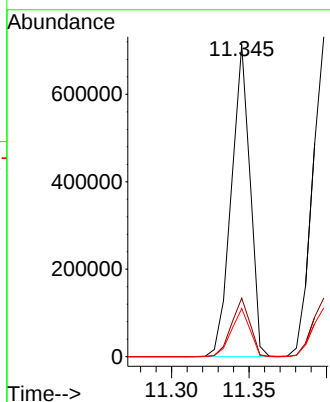
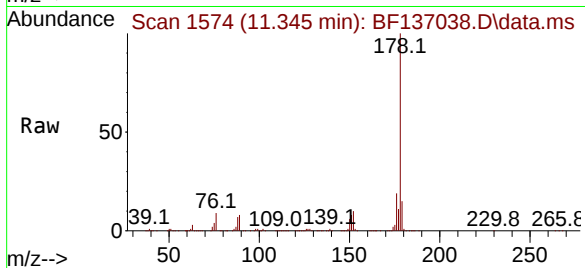




#71
Phenanthrene
Concen: 40.714 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

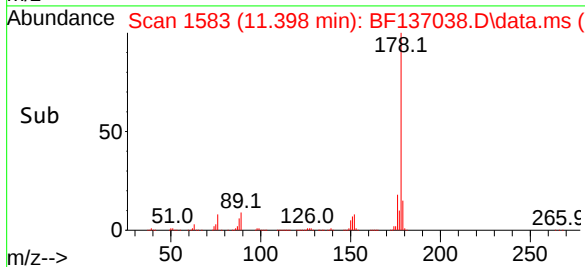
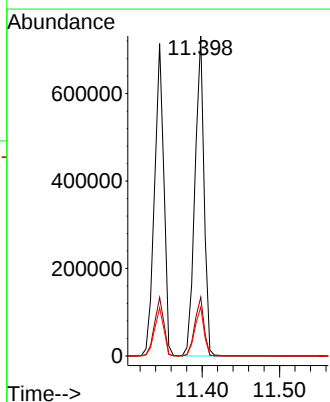
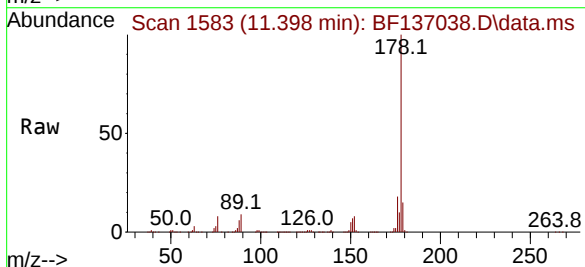
Instrument :
BNA_F
ClientSampleId :
PB158373BS

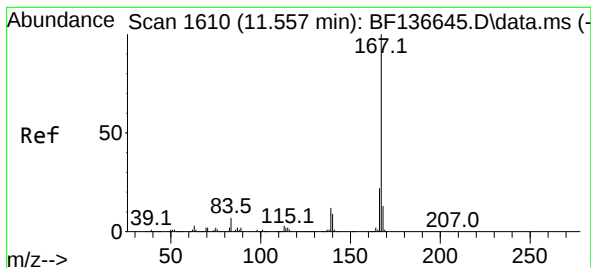
Tgt Ion:178 Resp: 596558
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.4 11.9 17.9



#72
Anthracene
Concen: 40.339 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF137038.D
Acq: 11 Jan 2024 14:46

Tgt Ion:178 Resp: 598580
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.3 11.8 17.6





#73

Carbazole

Concen: 39.053 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

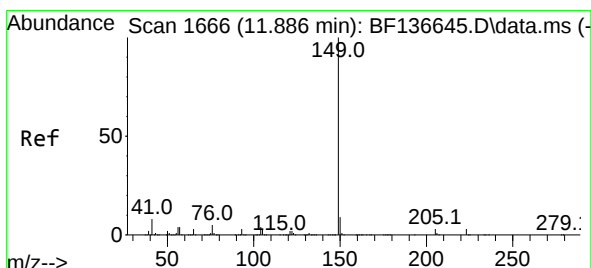
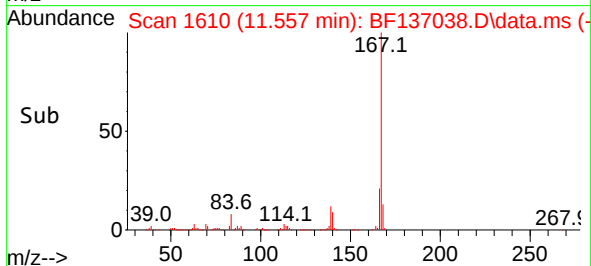
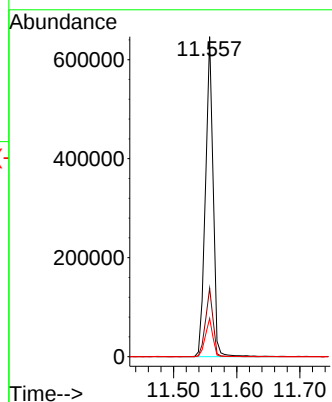
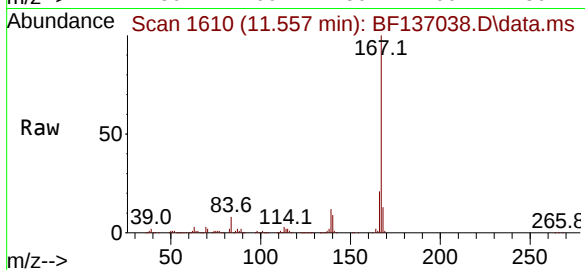
Tgt Ion:167 Resp: 546357

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.0 9.8 14.6



#74

Di-n-butylphthalate

Concen: 39.469 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

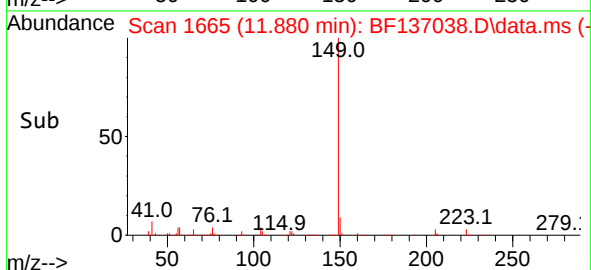
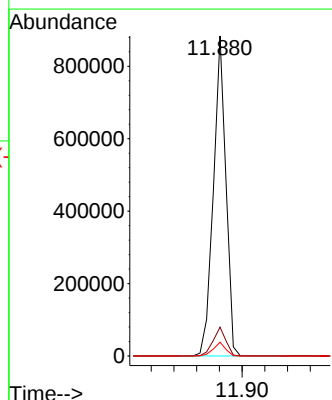
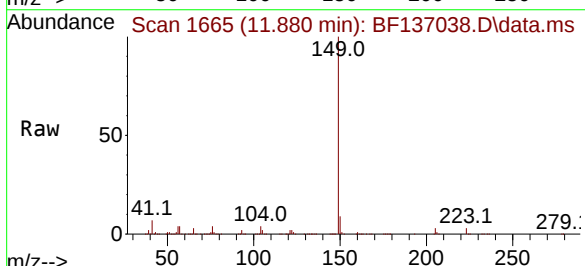
Tgt Ion:149 Resp: 673797

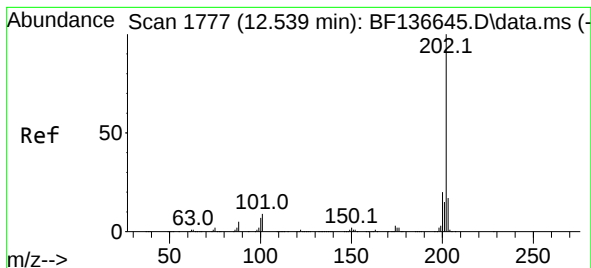
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 37.564 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

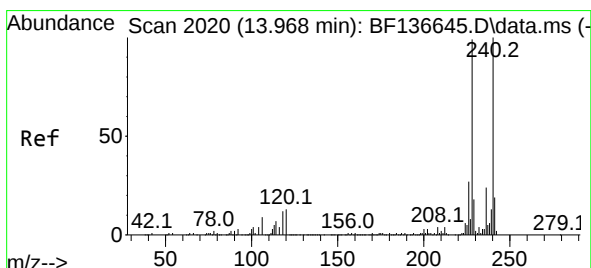
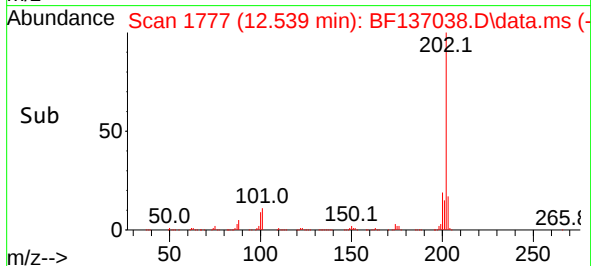
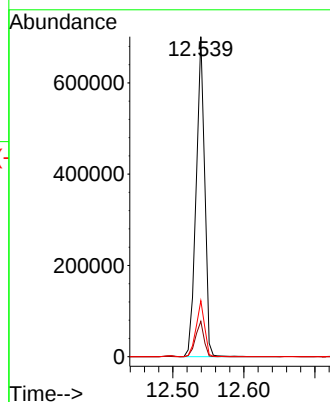
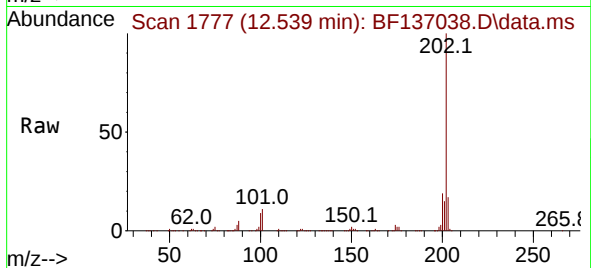
Tgt Ion:202 Resp: 588727

Ion Ratio Lower Upper

202 100

101 11.1 0.0 29.3

203 17.5 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.012 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

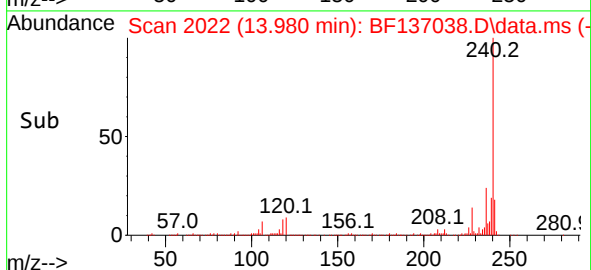
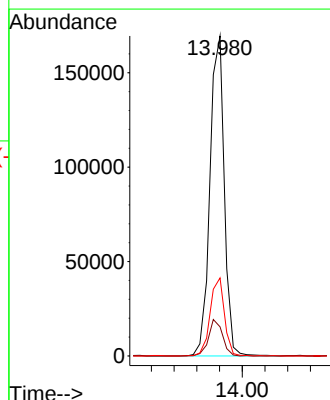
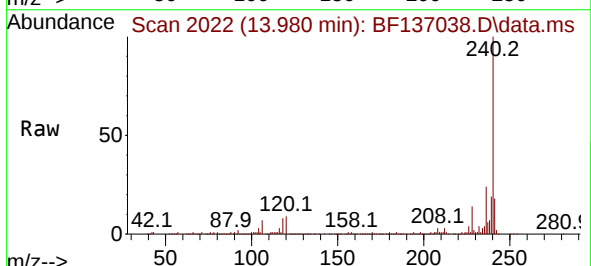
Tgt Ion:240 Resp: 148087

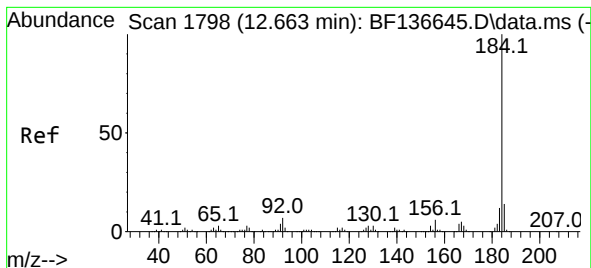
Ion Ratio Lower Upper

240 100

120 9.1 10.3 15.5#

236 24.4 19.4 29.2





#77

Benzidine

Concen: 19.683 ng

RT: 12.663 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

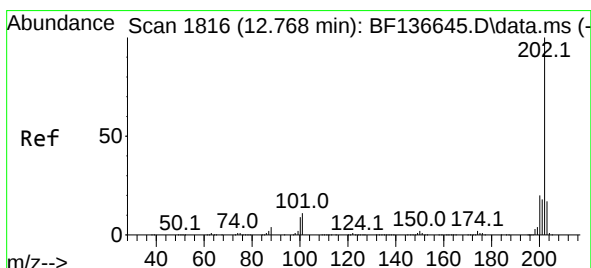
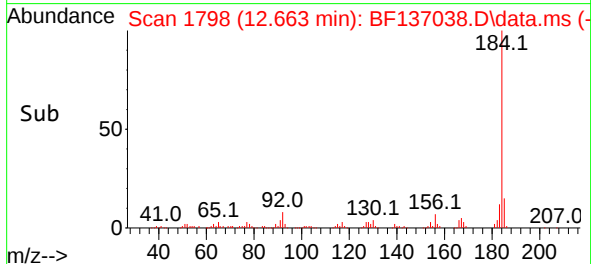
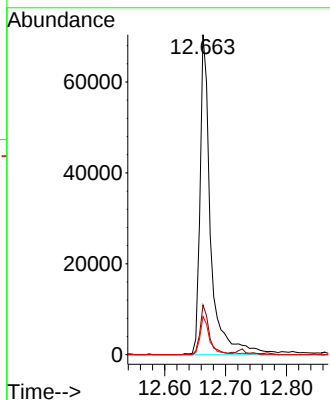
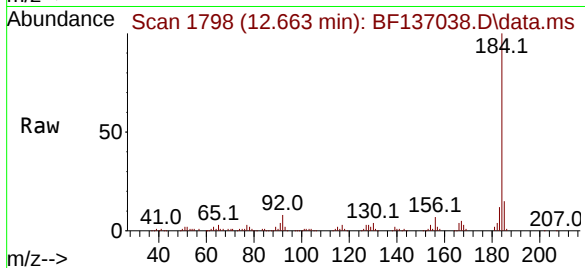
Tgt Ion:184 Resp: 85943

Ion Ratio Lower Upper

184 100

185 15.5 11.2 16.8

183 11.9 9.3 13.9



#78

Pyrene

Concen: 40.321 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

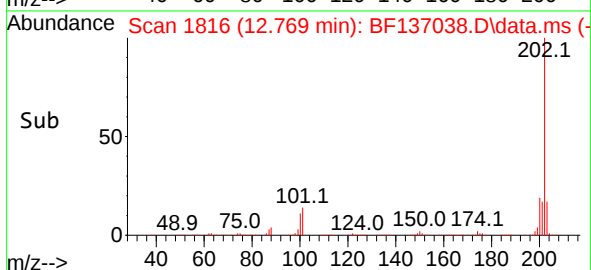
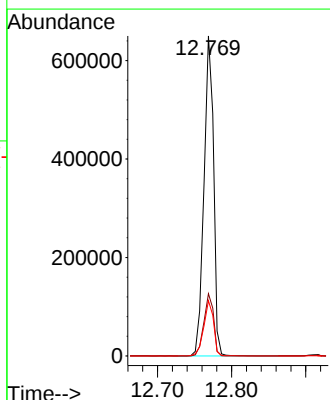
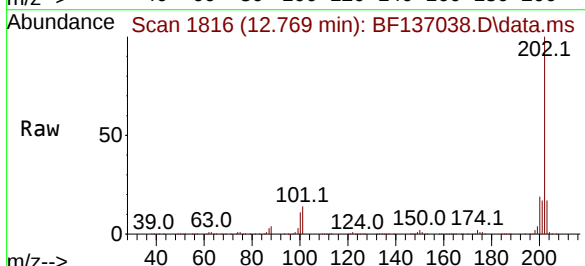
Tgt Ion:202 Resp: 586156

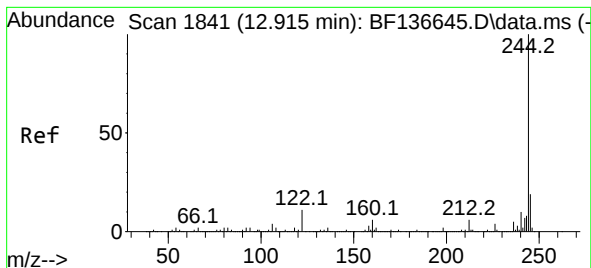
Ion Ratio Lower Upper

202 100

200 19.5 15.9 23.9

203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 79.688 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

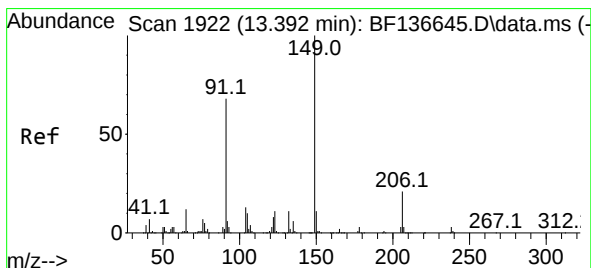
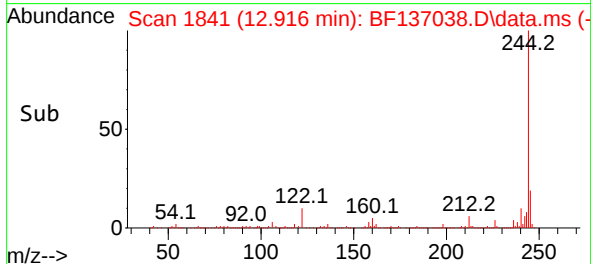
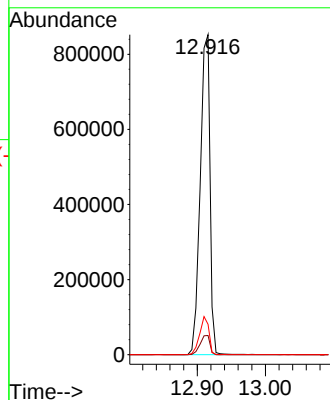
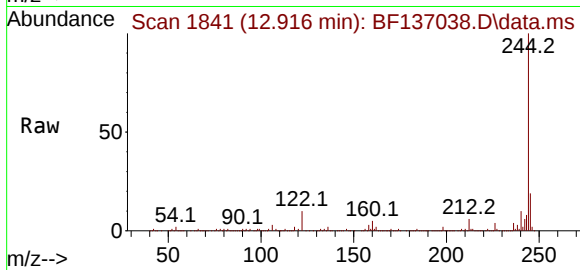
Tgt Ion:244 Resp: 844434

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 9.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 42.824 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

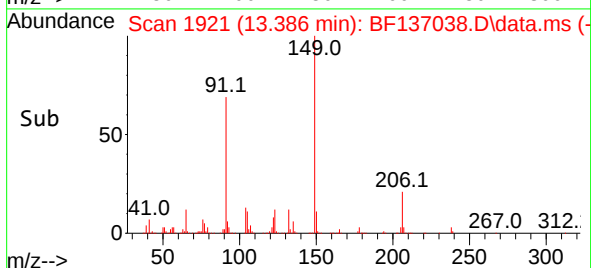
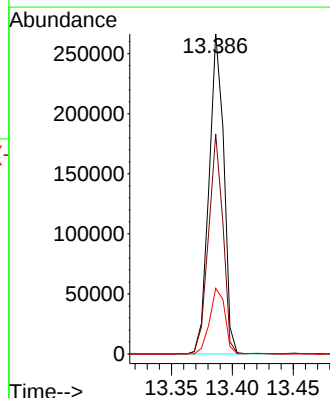
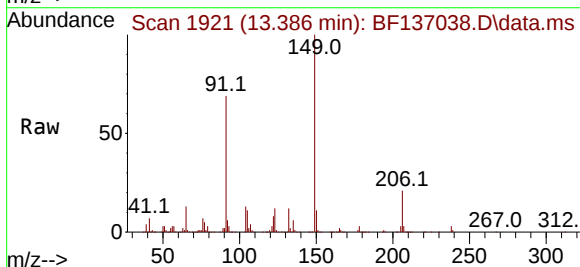
Tgt Ion:149 Resp: 226523

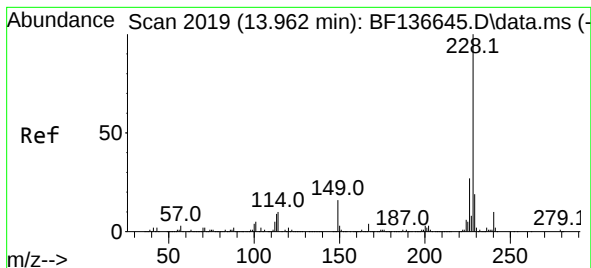
Ion Ratio Lower Upper

149 100

91 68.7 54.1 81.1

206 20.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.226 ng

RT: 13.969 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

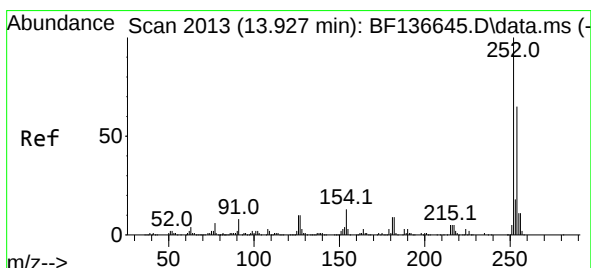
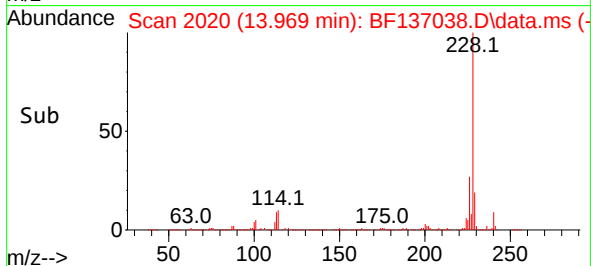
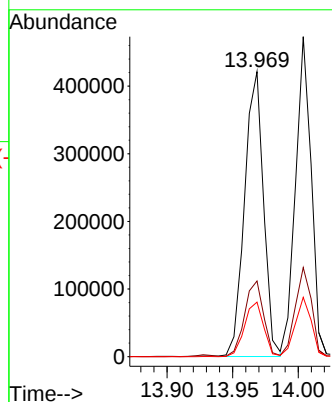
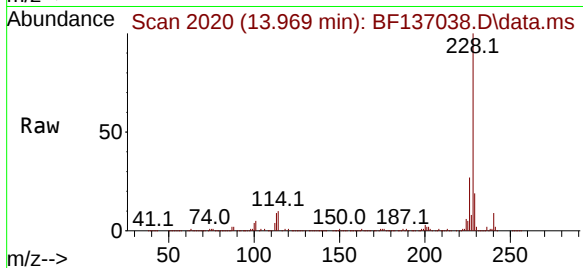
Tgt Ion:228 Resp: 423922

Ion Ratio Lower Upper

228 100

226 26.6 21.4 32.0

229 19.2 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 39.283 ng

RT: 13.927 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

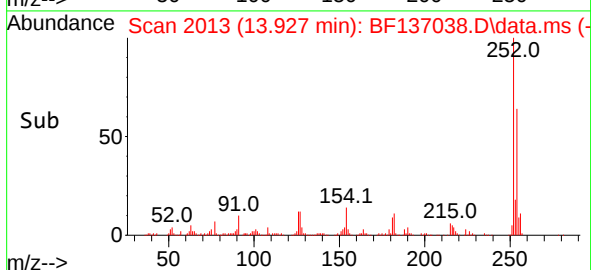
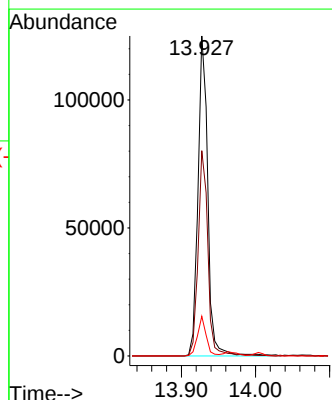
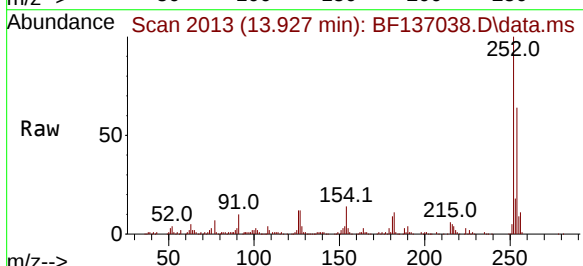
Tgt Ion:252 Resp: 114718

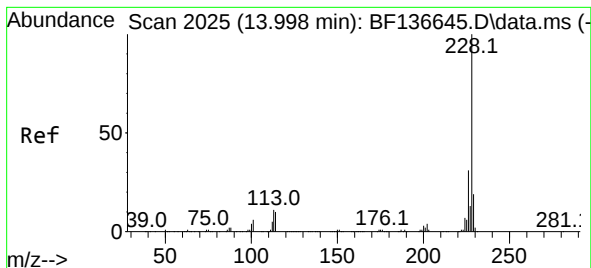
Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.4

126 12.4 8.0 12.0#





#83

Chrysene

Concen: 39.087 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

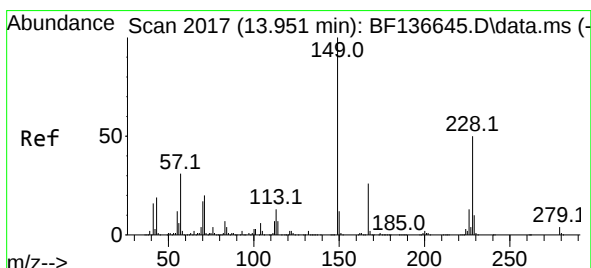
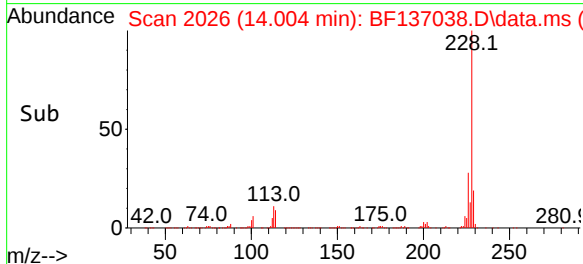
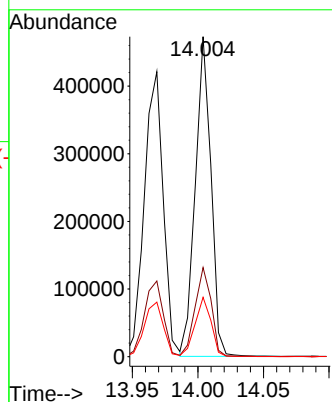
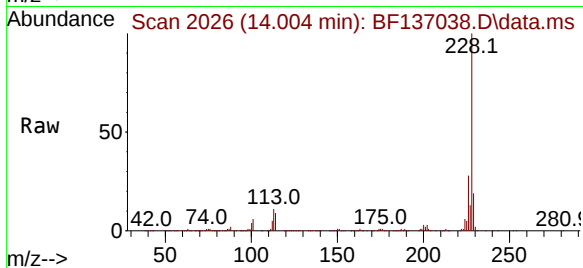
Tgt Ion:228 Resp: 393048

Ion Ratio Lower Upper

228 100

226 27.8 24.7 37.1

229 18.6 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.040 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

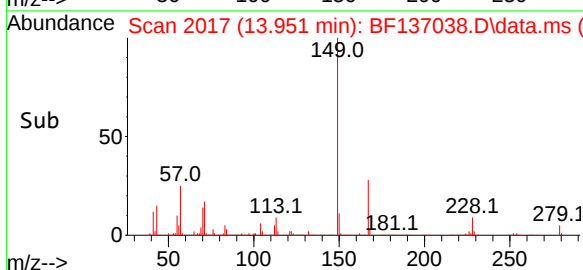
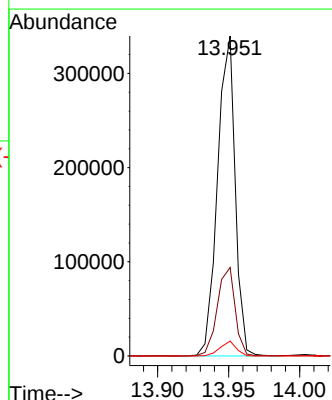
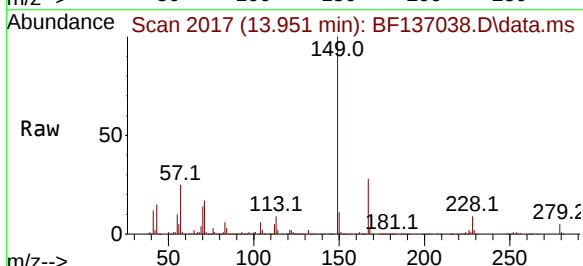
Tgt Ion:149 Resp: 293100

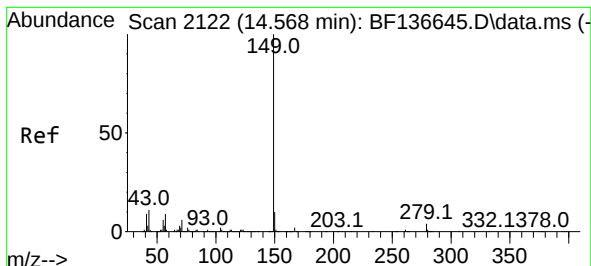
Ion Ratio Lower Upper

149 100

167 27.7 20.9 31.3

279 4.7 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 43.899 ng

RT: 14.563 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

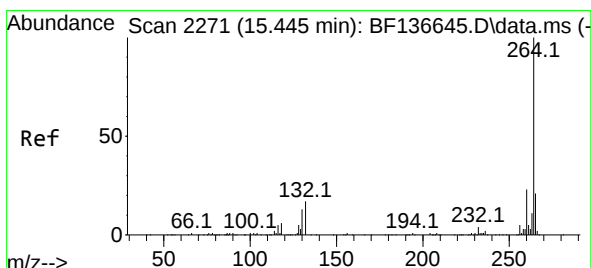
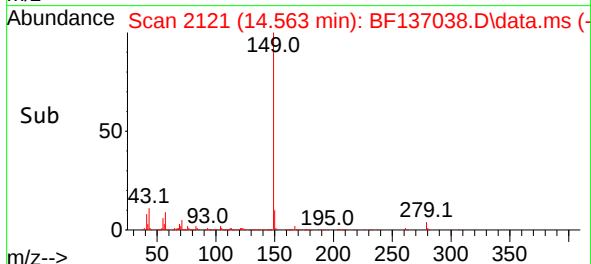
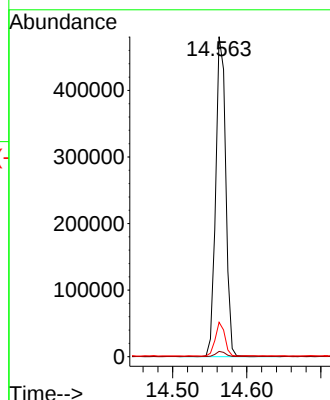
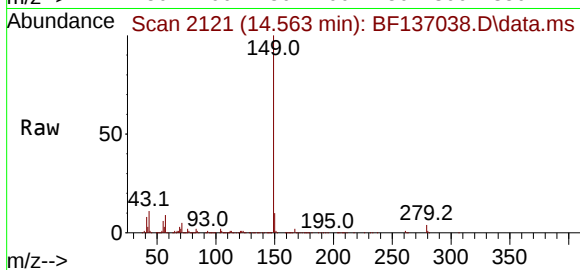
Tgt Ion:149 Resp: 451931

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.0 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.018 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

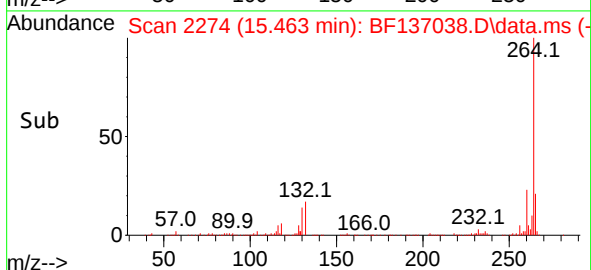
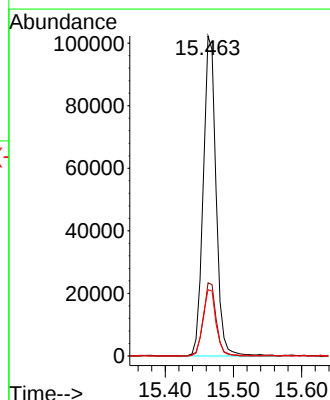
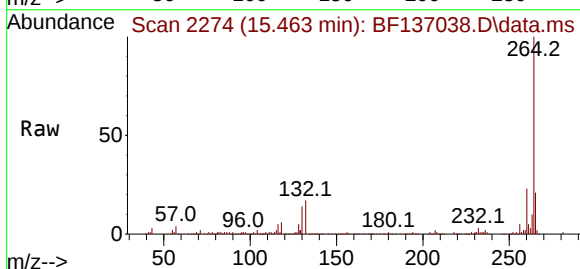
Tgt Ion:264 Resp: 133518

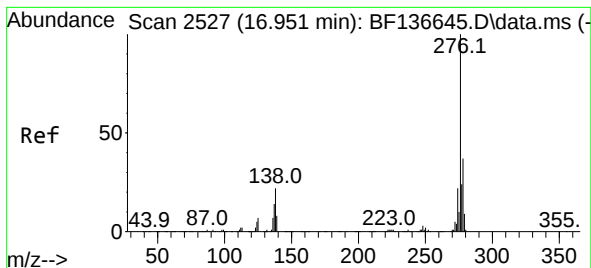
Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 20.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.983 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

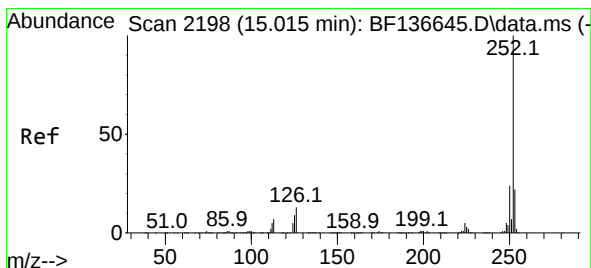
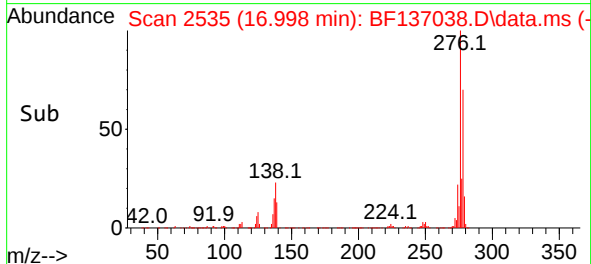
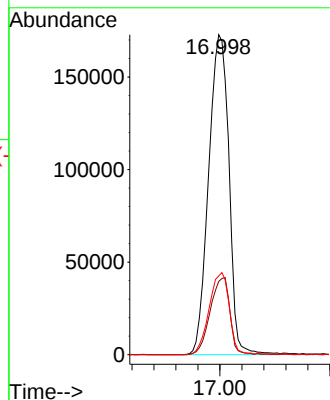
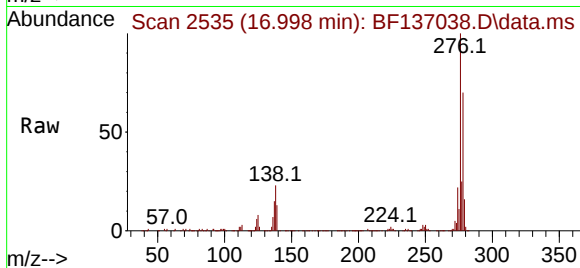
Tgt Ion:276 Resp: 443288

Ion Ratio Lower Upper

276 100

138 23.2 18.7 28.1

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 41.982 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

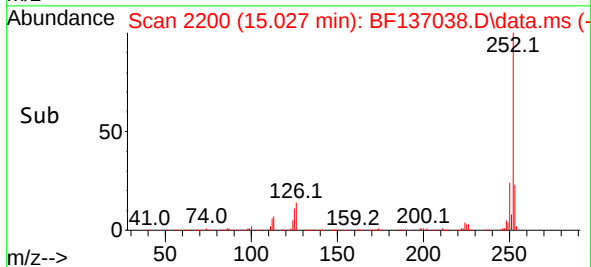
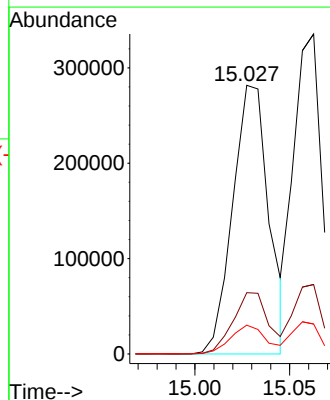
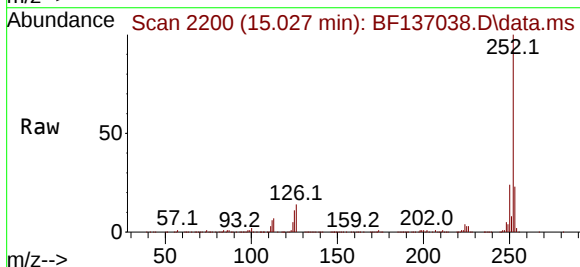
Tgt Ion:252 Resp: 374382

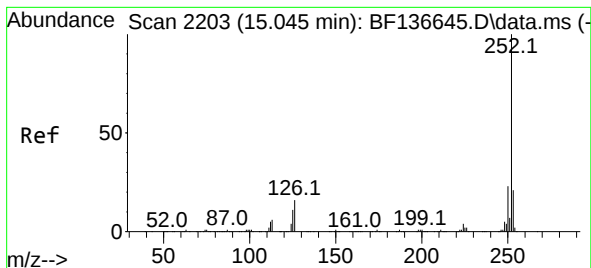
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 10.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.653 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

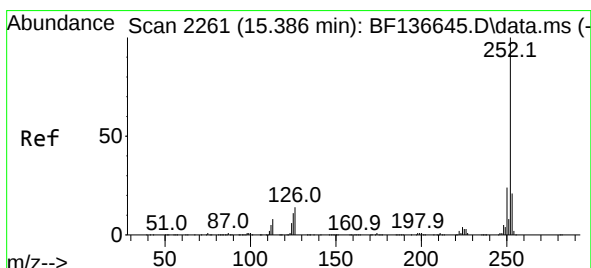
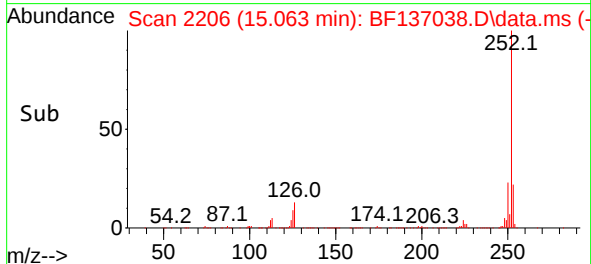
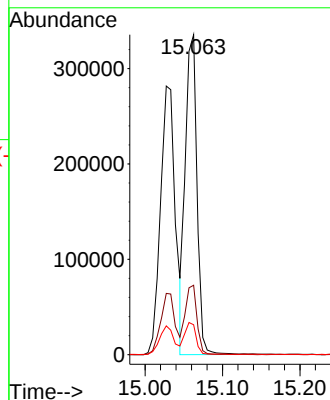
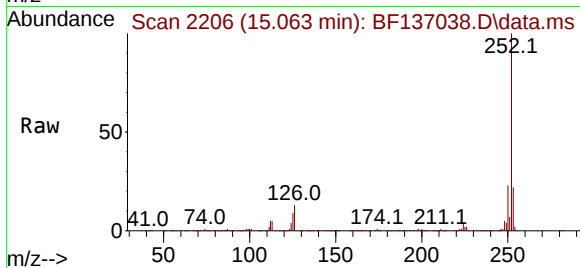
Tgt Ion:252 Resp: 350986

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 9.4 8.2 12.4



#90

Benzo(a)pyrene

Concen: 42.857 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

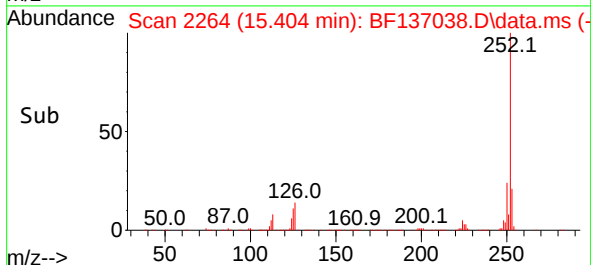
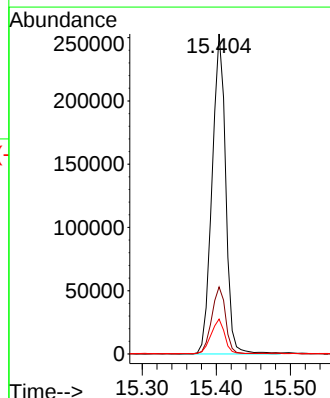
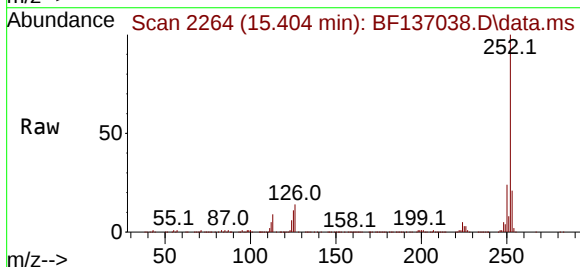
Tgt Ion:252 Resp: 322612

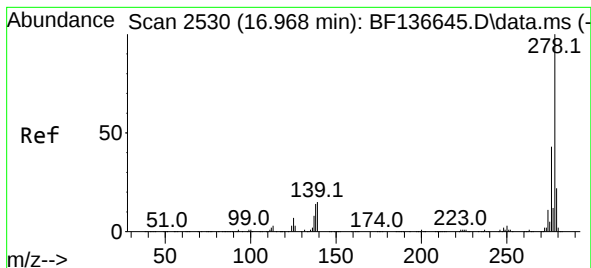
Ion Ratio Lower Upper

252 100

253 21.0 17.0 25.6

125 10.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 47.134 ng

RT: 17.010 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB158373BS

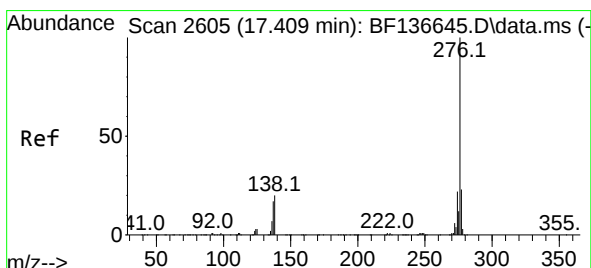
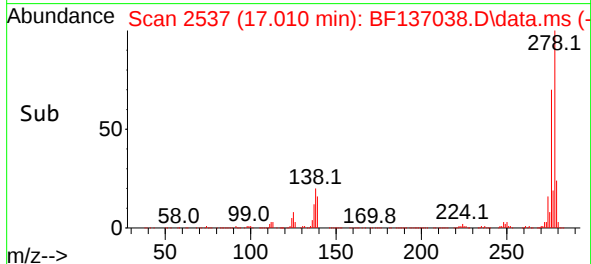
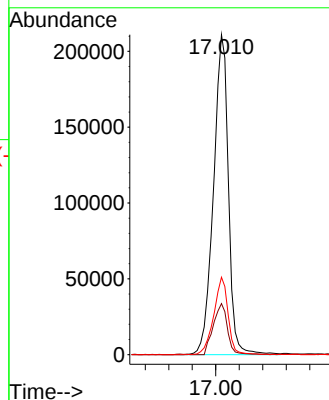
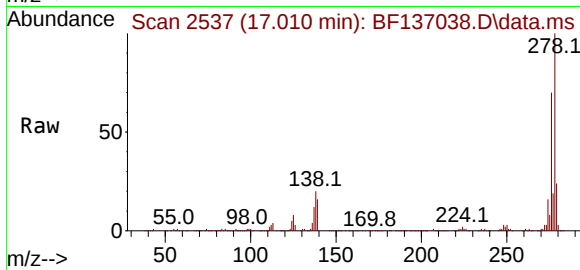
Tgt Ion:278 Resp: 372773

Ion Ratio Lower Upper

278 100

139 16.0 12.2 18.4

279 24.2 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 46.585 ng

RT: 17.462 min Scan# 2614

Delta R.T. 0.053 min

Lab File: BF137038.D

Acq: 11 Jan 2024 14:46

Tgt Ion:276 Resp: 377352

Ion Ratio Lower Upper

276 100

277 22.5 18.3 27.5

138 19.7 15.6 23.4

